

YH95234 CONNECTOR

VG95234 Style





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Overview

The YH-Type Connector Series was designed in accordance with the VG95234 specification. The bayonet coupling method, improved from screw-type SAE-AS50151, provides easy mating/unmating. The product was designed to protect from penetration of fluids by vibration. It is used for the communication devices in aircraft and military vehicles, electric vehicles and ships.

Insulator

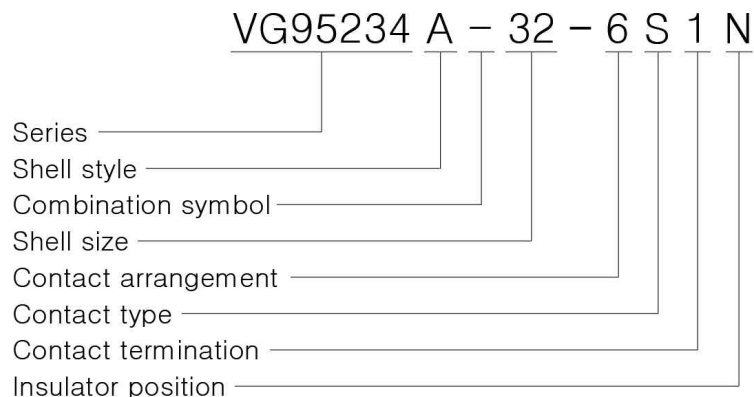


	NBR(Nitrile Butadiene Rubber)	CR(Chloroprene Rubber)
Merit	Excellence of Fluid-resistance (Diesel, Gasoline)	Excellence of Weather-resistance, Chemical Agent, Fluid-resistance, Flammability, Heat-resistance, Heat Aging test and Ozone-resistance
	Excellence of abrasion-resistance, Water-Resistance and Heat Aging test	Low in Permeability of gas
		High level of adhesion
		Excellence of Flexibility and Abrasion resistance
		Heat-resistance, it is able to stand up to +150 ℃
Price	Low	High

YEONHAB Precision has produced and use and Insulator of only use a CR rubber, which have competitive price and performance compare with NBR.

How to order

VG Order reference



Explanation

- Series – VG95234

- Shell Style

J1, J2, N1, N2, – Wall mounting receptacle
 S1, U1, U2
 F – Cable connection plug
 A, B1, B2 – Box mounting receptacle
 C1, C2 – Bulkhead receptacle
 D, G, H, L, – Straight plug
 M, R1
 E, E1, K – Plug 90°

- Shell Size

10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36

- Contact Arrangement

VG95234 or see page 11, 12, 13

- Contact type

P – Pin
 S – Socket

- Contact termination

Without identification – Contacts for metric wire size
 Identification 1* – Contact for AWG wire size

- Insulator position

see page 10, 14

- Accessories acc. to VG95234

VG95234 B0D – Dummy receptacles
 VG95234 DA – Gaskets, front mount
 VG95234 DH – Gaskets, rear mount
 VG95234 KR – Protecting caps
 VG95234 KB – Protecting caps
 VG95234 KK – Cabel caps
 VG95234 KT – Bushing

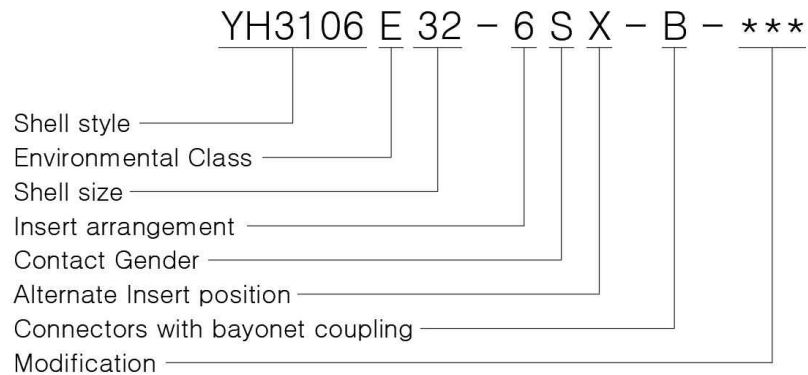
- * Only valid for layout within the VG95234.

Layout list permitting identification 1:

Layout
 22–2
 24–9
 24–11
 24–12
 28–22
 32–1
 32–3
 32–6
 36–3
 36–5
 36–6

How to order

YEONHAB(YH-B) Order reference



Explanation

- Shell Style

YH3100 – Wall mounting receptacle
YH3101 – Cable connecting plug
YH3102 – Box mounting receptacle
YH3106 – Plug, straight
YTBF – Bulkhead receptacle

- Environmental Class

E – environmental with resilient insulators and endbell with clamp

- Shell Size

10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36

- Insert Arrangement

see page 11, 12, 13

- Contact Gender

P – Pin
S – Socket
PS – One Side Pin, One Side Socket(only for YTBF)

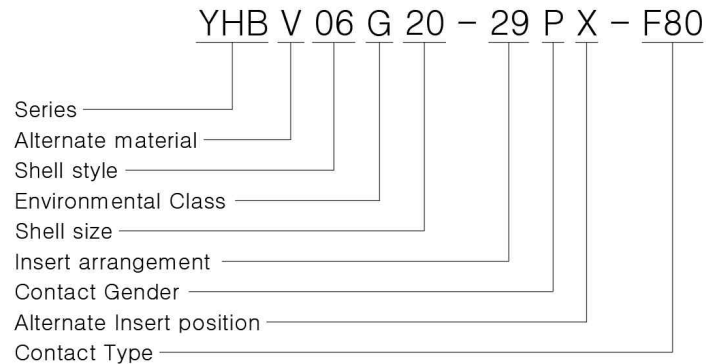
- Alternate Insert position

Besides the normal position further insulator positions are possible for YEONHAB connectors(see page 10, 14) to prevent mis mating. Polarization is achieved by turning the pin contact insulator clockwise towards the shell, the socket insulator, however, in opposite clockwise direction. This information refers to the mating side of the contact insulator.

- Modification

01 – metric crimp contacts
02 – adapter for heat shrink boots, AWG crimp contacts
03 – adapter for heat shrink boots, metric crimp contacts
04 – rear mount, threaded in flange, metric crimp contacts
05 – rear mount, through holes in flange (YH3100, YH3102, YTBF)
06 – shrink boot adapter, threaded holes in flange, solder contacts
08 – angular endbell, threaded holes in flange (for YH3100 only)
09 – angular endbell, through holes in flange (for YH3100 only)
13 – shielded version, solder contacts
14 – shielded version, metric crimp contacts
15 – shielded version, AWG crimp contacts
109 – F80, rear mount, thread holes in flange (for YH3102 only)
111 – rear mount, thread holes (YH3102 only), solder contacts
F80 – AWG crimp contacts
A232 – Zinc cobalt black
F42 – less grommet and backshell

How to order YEONHAB(YHB) Order reference



Explanation

- Series

YHB – Bayonet coupling

- Alternate Material

G – Plug with RFI grounding fingers

V – Silicon(SR) insert

Blank – Chloroprene Rubber(CR) insert

- Shell Style

01 – In-line receptacle—Round flange with flats

00 – Front panel mount receptacle, rear thread

02 – Front panel mount receptacle, no rear thread

03 – Rear panel mount receptacle, no rear thread

030 – Rear panel mount receptacle, rear thread

06 – Straight plug connector

07 – Single hole mount jam nut receptacle, no rear thread

070 – Single hole mount jam nut receptacle, rear thread

08 – 90° plug connector

- Shell Size

10SL, 14S, 16S, 16, 18, 20, 22, 24, 28, 32, 36

- Insert Arrangement

see page 11, 12, 13

- Contact Gender

P – Pin

S – Socket

- Contact Type

F80 – AWG crimp contacts

CR – Metric crimp contacts

Blank – Solder contacts

- Alternate Insert position

Besides the normal position further insulator positions are possible for YEONHAB connectors(see page 10, 14) to prevent mismatching. Polarization is achieved by turning the pin contact insulator clockwise towards the shell, the socket insulator, however, in opposite clockwise direction. This information refers to the mating side of the contact insulator.

- Environmental Class

G – Same as AG but includes wire sealing grommet and compression ring.

AG – Includes the backshell suitable for heat shrink tubing.

R – Same as A but includes wire sealing grommet and compression ring.

SB – Straight or 90° backshell with the swivel coupling nut and adapter suitable for use with heat shrink tubing or boot. The shield is terminated and secured with the wire prior to tightening the backnut. Wire sealing grommet is included. Recommended to use with RFI fingers in YHBG06SB/YHBG08SB.

SBT – Similar to SB but the backshell includes a knurled extension for the shield termination via tincl lock ring(not supplied).

F – Same as AF but includes wire sealing grommet and compression ring.

AF – Straight short or 90° backshell with A style clamp and bushing.

FP – Applicable for rear mount only.

Can be added to any class where the application requires the flange with through mounting holes.

RG – Same as YHB 07/070 only.

RFI/EMI shield coil within receptacle shell.

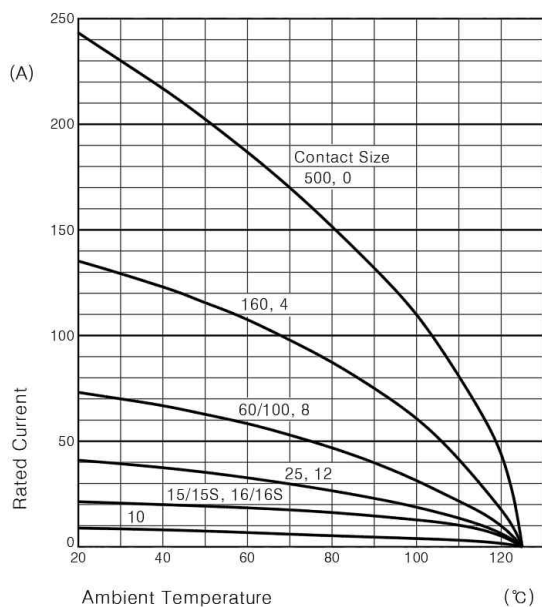
360° metal to metal contact between receptacle and mating plug.

Technical Data

Electrical Data

Current Rating

depending on ambient temperature
(Rated current with one contact loaded in a contact arrangement)

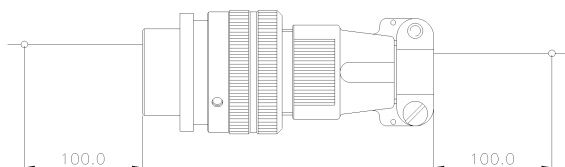


Contact rating at 68 °F (+20 °C)

Contact size		max. current A
Metric	AWG	
10	—	8
15/15S	16/16S	22
25	12	41
60/100	8	74
160	4	135
500	0	245

Contact resistance (Millivolt test)

The contact resistance has to be tested according to VG95234 part 2, test no. 5.10.1 and VG 95210, part 37. The measuring points are indicated in the illustration.



Contact size		Max. contact resistance mΩ
Metric	AWG	
10	—	12
15S/15	16S/16	6
25	12	3
60/100	8	1
160	4	0.5

Insulation resistance

Acc. to VG95319, part 2, test no. 5.12 and VG95210, part 32, test condition B

Standard insulator material(CR) > 1000MΩ

Silicon insulator material(SR) > 5000MΩ

Test voltage

Acc. to VG95319, part 2, test no. 5.13 and VG 95210, part 31 Test voltage for service rating:

Service rating	Test voltage Vac RMS
1	1050
2	1600
3	2500
4	3000

Acc. to SAE-AS50151, 4.6.7.1 Test voltage for service rating:

Service rating	Test voltage Vac RMS	Operating voltage	
		Vdc RMS	Vac RMS
Instrument	1000 V	250 V	200 V
A	2000 V	700 V	500 V
D	2800 V	1250 V	900 V
E	3500 V	1750 V	1250 V
B	4500 V	2450 V	1750 V
C	7000 V	4200 V	3000 V

Air and Creepage Paths(Min.) (UNITS : mm)

Voltage class	Instr.	A	D	E
Air and Creepage Paths	0.7	1.1	2.8	4.8

Technical Data

Mechanical Feature

Ambient temperature

Material	Temperature Range
Standard insulator (CR)	-55℃ ~ +125℃
Silicon(SR) insulator	-30℃ ~ +200℃

Vibration test 200m/s² at 10 to 2000Hz

Mating cycles 500 Min.

Safety provisions ** IP 67 acc. to DIN 40 050
(1 bar pressure after 12 hrs.)

**Longitudinal sealing: The connector is not sealed against fluids entering through the cable, as the sealing lips of the single wire sealing are pressing against the jacket of the individual cables.

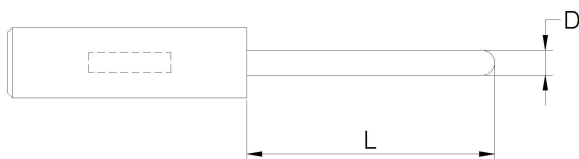
Separating force per contact

The corresponding separating force has to be measured according to VG95319, part 2, test no. 5.7. using the required test gage.

Contact size		Separating force min.	
Metric	AWG	N	Gage
10	—	0.30	G 0.99
15S/15	16S/16	1.00	G 1.56
25	12	1.50	G 2.36
60/100	8	3.00	G 3.58
160	4	4.00	G 5.69
500	0	8.50	G 9.04

Gage

(see also VG95234, Part 1)



Gage	Contact diameter D	L
	+0.01 -0.00	+0.00 -1.00
G 0.99	0.99	7.00
G 1.56	1.56	9.00
G 2.36	2.36	12.00
G 3.58	3.58	13.00
G 5.69	5.69	13.00
G 9.04	9.04	13.00

Contact retention

The contact retention has to be tested according to VG95319, part 2, test no. 5.4. Test force direction = Mating direction.

Contact size		Test force
Metric	AWG	N
10	—	30
15S/15	16S/16	35
25	12	55
60/100	8	80
160	4	90
500	0	95

Coupling torque

The allowable coupling torques have to be tested under full bundle conditions of the connectors to VG95319, part 2, test no. 5.8.2.

Shell size	Allowable coupling torque	
	closing and opening Nm max.	Opening Nm min.
10SL	1.7	0.15
14S	3.6	0.35
16S/16	5.5	0.46
18	8.0	0.58
20	9.0	0.70
22	11.0	0.80
24	14.0	0.80
28	17.0	0.92
32	19.0	1.03
36	23.0	1.03

Materials & Finish

Shell	Aluminum alloy
Standard finish	Olive drab chromate coating over cadmium plating
Alternative finish	Zinc cobalt(Black)
Insulator and grommets	Polychloroprene (Standard) Silicon (High temperature)
Contacts	Copper alloy
Standard finish	Hard silver
Special finish	A176 nickel and hard gold plating

Harnessing

VG95234 connectors are designed for single wire harnessing. Full sealing will be guaranteed only by using wires in accordance with MIL-W-5086, LN 9251 (for AWG) and TL 6145-009 and TL 6145-011 (for metric wires). All other wires have to conform to wire and insulation diameters with the data given in the following table:

Contact Size		Crimp—and solder contacts		Insulation diameter	
AWG	Metric	AWG	Metric mm ²	AWG	Metric mm
—	10	—	0.75–1.0	—	1.45–2.5
16S/15S	16/15	16	0.75–1.5	1.6–2.8	1.6–2.8
12	25	12	2.5	2.9–3.5	2.9–3.5
—	60	—	6.0	—	3.5–4.9
8	100	8	10.0	4.2–5.8	5.5–6.5
4	160	4	16.0	6.2–9.0	7.1–9.0
0	500	0	50.0	10.5–13.0	10.5–13.0

Wire Stripping

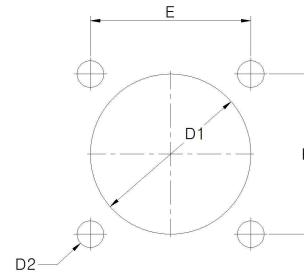
Either mechanical or hot stripping can be used. Prevent conductor or insulator damage. For solder contacts, conductors have to be pretinned.

Note: Do not twist conductors used with crimp contacts. Do not touch uninsulated conductors before crimping. Twisting of conductors and grease or lubricants on the wires cause poor crimp quality.

Contact Size		Stripping length mm
AWG	Metric	
—	10	4.0 +0.4
16S/15S	16/15	6.0 +0.5
12	25	6.0 +0.5
8	60/100	11.0 +0.8, –0.4
4	160	11.0 +0.8, –0.4
0	500	13.0 +0.8, –0.4

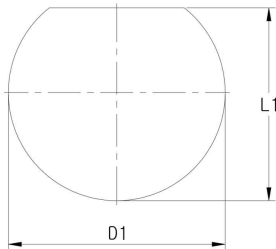
Mounting Holes

Mounting holes for wall mounting receptacles style A, B1, B2, C1, C2, J1, J2, N1 and N2 acc. to VG95234, or YH3100E/F/R-B and YH3102 E-B.

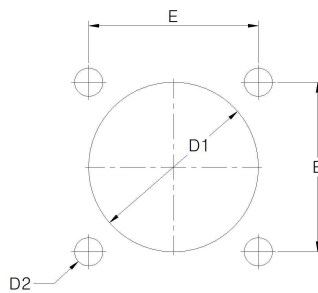


Shell size	E ±0.15	D1		D2		D2	
		H12		H13		Screws To Be Used	
		Style A YH3102E-B	Style B1,B2,C1,C2 J1,J2,N1,N2 YH3100E-B YHBF-B/-05	Style A,B2,C2,J2,N2 YH-B Mod.-05	Style B1,C1,J1,N1 YH3100E-B YH3102E-B	Style A,B2,C2,J2,N2 YH-B Mod.-05	Style B1,C1,J1,N1 YH3100E-B YH3102E-B YHBF-B
10SL	18.20	16.4	18.5	3.4	4.5	M3...DIN 85	M4...DIN
14S	23.00	19.7	24.9	3.4	4.5	M3...DIN 85	M4...DIN 84
16S	24.60	22.9	27.7	3.4	4.5	M3...DIN 85	M4...DIN 84
16	24.60	22.9	27.7	3.4	4.5	M3...DIN 85	M4...DIN 84
18	27.00	26.1	31.1	3.4	4.5	M3...DIN 85	M4...DIN 84
20	29.40	29.5	34.5	3.4	4.5	M3...DIN 85	M4...DIN 84
22	31.80	32.7	37.8	3.4	4.5	M3...DIN 85	M4...DIN 84
24	34.90	36.0	41.3	3.9	4.5	M3.5...DIN 85	M4...DIN 84
28	39.70	42.0	47.1	3.9	5.5	M3.5...DIN 85	M5...DIN 84
32	44.50	48.3	53.8	4.5	5.5	M4...DIN 85	M5...DIN 84
36	49.20	54.6	60.0	4.5	5.5	M4...DIN 85	M5...DIN 84

YHB07, 070 only



Size	D1 +0.25 -0.00	L1 +0.00 -0.35
10SL	22.40	21.00
14S	28.75	27.40
16S/16	31.95	30.95
18	35.10	33.75
20	38.30	36.85
22	41.45	40.05
24	44.65	43.35
28	51.00	49.55
32	57.35	55.95
36	63.70	62.35



YHB02 only					YHB00, 03, 030 only				
Size	D1	D2		E ±0.1	Size	D1	D2		E ±0.1
		H13	Threaded Holes				H13	Threaded Holes	
10SL	17.0	3.4	4.5	18.2	10SL	19.1	3.4	4.5	18.2
14S	20.0	3.4	4.5	23.0	14S	25.5	3.4	4.5	23.0
16S/16	23.0	3.4	4.5	24.6	16S/16	28.3	3.4	4.5	24.6
18	26.5	3.4	4.5	27.0	18	31.7	3.4	4.5	27.0
20	30.0	3.4	4.5	29.4	20	35.0	3.4	4.5	29.4
22	33.0	3.4	4.5	31.8	22	38.3	3.4	4.5	31.8
24	36.0	3.9	5.5	34.9	24	41.8	3.9	5.5	34.9
28	42.0	3.9	5.5	39.7	28	47.6	3.9	5.5	39.7
32	48.5	4.5	5.5	44.5	32	54.3	4.5	5.5	44.5
36	55.0	4.5	5.5	49.2	36	60.5	4.5	5.5	49.2

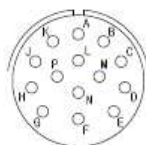
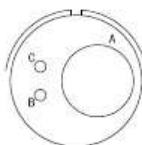
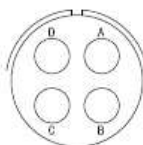
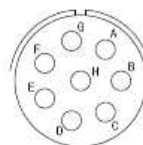
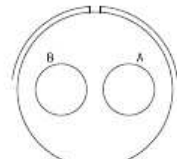
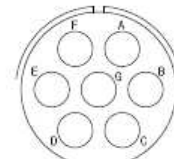
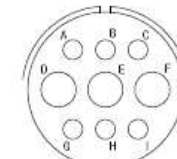
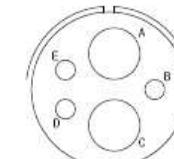
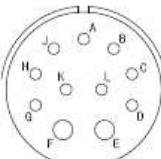
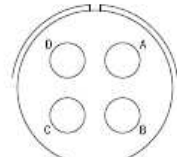
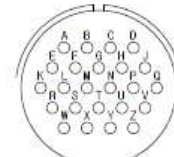
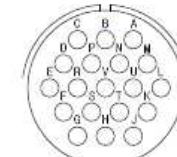
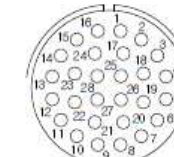
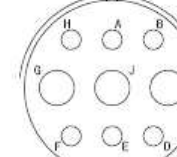
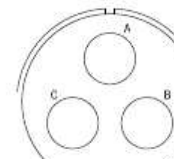
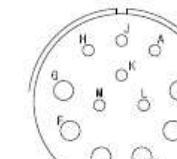
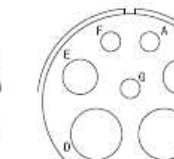
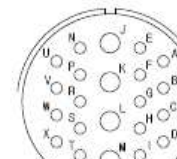
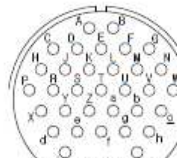
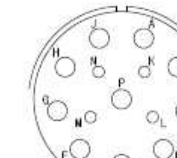
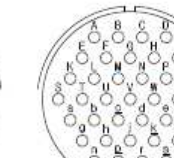
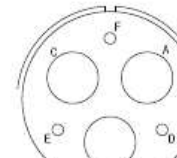
Insert Arrangement

Insert Arrangement		Service rating		No. of contacts	Contact size										Alternate Insert position			
					Metric / AWG								Metric					
SAE-AS50151	VG95234	SAE-AS50151	VG95234		15S/16S	15/16	25/12	8	4	2	0	60	100	160	500	W	X	Y
10SL-3	10SL-3	A	2	3	3													
10SL-4	10SL-4	A	2	2	2													
14S-1		A		3	3													
14S-5		I		5	5										110			
14S-6	14S-6	I	1	6	6													
14S-7	14S-7	A	2	3	3										90	120	270	
14S-12		A		3	3													
16S-1	16S-1	A	2	7	7										80			280
16S-8		A		5	5										170	265		
16-9		A		4	2		2								35	110	250	325
16-10	16-10	A	2	3			3								90	180	270	
16-11	16-11	A	2	2			2								35	110	250	325
16-12	16-12	A	2	1				1					1					
18-1	18-1	A, I	2, 1	10		10									70	145		290
18-5		D		3		1	2								80	110	250	280
18-8		A		8		7	1								70			290
18-9	18-9	I	1	7		5	2								80	110	250	280
18-10		A		4			4									120	240	
18-11	18-11	A	2	5			5									170	265	
18-12		A		6		6									80			280
18-19		A		10		10										120	240	
18-21		A		3			3											
20-2	20-2	D	3	1						1				1				
20-3		D		3			3								70	145	215	290
20A9	20A9	D, I	3, 1	9			9									110	250	
20-11		I		13		13												
20-16		A		9		7	2								80	110	250	280
20-19		A		3				3							90	180	270	
20-22	20-22	A	2	6		3		3							80	110	250	280
20-23		A		2				2							35	110	250	325
20-29		A		17		17									80			280
20-33		A		11		11												
20A48	20A48	I	1	19		19										80	280	
22-2	22-2	D	3	3				3							70	145	215	290
22-12	22-12	D	3	5		3		2					2		80	110	250	280
22-14	22-14	A	2	19		19									80			280
22-19		A		14		14									80	110	250	280
22-21		A		3		2				1					80	110	250	280
22-22	22-22	A	2	4				4					4			110	250	
22-23		D		8			8								35		250	
24-5		A		16		16									80	110	250	280
24-9	24-9	A	2	2					2						35	110	250	325
24-10	24-10	A	2	7				7					7		80			280
24-11	24-11	A	2	9			6	3					3		35	110	250	325
24-12	24-12	A	2	5			3		2						80	110	250	280
24-20		D		11		9	2								80	110	250	280
24-22		D		4				4							45	110	250	
24-28	24-28	I	1	24		24									80	110	250	280
24-67		A		19			19								80			335
24-A28		I		28		28										65	146	235
28-1		A, D		9			6	3							80	110	250	280
28-5		D		5		2	1		2						35	110	250	325
28-6		D		3					3						70	145	215	290
28-9		D		12		6	6								80	110	250	280
28-10		A, D		7			3	2	2						80	110	250	280
28-11	28-11	A	2	22		18	4								80	110	250	280
28-15		A		35		35									80	110	250	280
28-16		A		20		16									80	110	250	280
28-20	28-20	A	2	14		4	10								80	110	250	280
28-21	28-21	A	2	37		37									80	110	250	280
28-22	28-22	D	3	6		3			3					3	70	145	215	290
28-A9		A		9		5	4								110	250	260	280
28-A16	28-A16	A	2	9		5			4							110	250	
32-1	32-1	E, D	4, 3	5			3				2			2	80	110	250	280
32-5		E		2							2				35	110	250	325
32-7	32-7	A, I	1, 2	35		28	7								80	125	235	280
32-15	32-15	D	3	8			6				2				35	110	250	325
32-17		D		4					4						45	110	250	
32A-5		A		5					5						90	180	270	
32-A17		A		4			1			3					45	110	250	
32-A22		A		22		20					2				55	135	230	295
36-3	36-3	D	3	6			3				3			3	70	145	215	290
36-5	36-5	A	2	4							4			4		120	240	
36-6	36-6	A	2	6					4		2				35	110	250	325

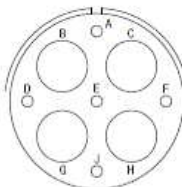
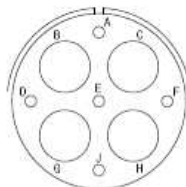
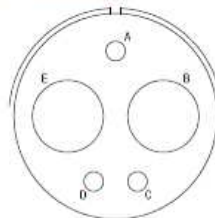
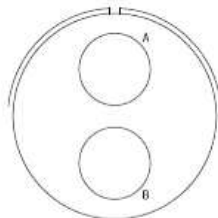
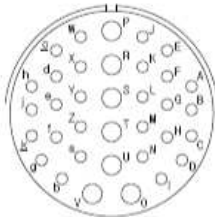
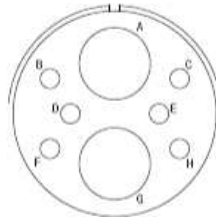
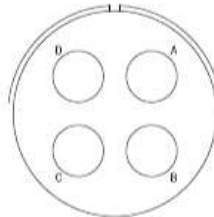
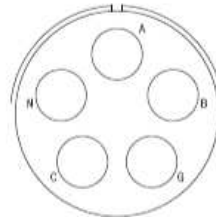
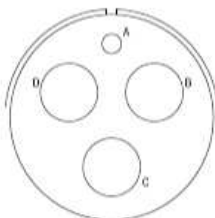
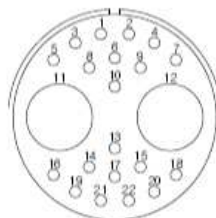
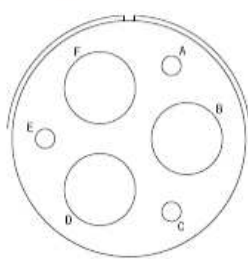
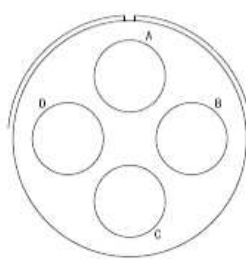
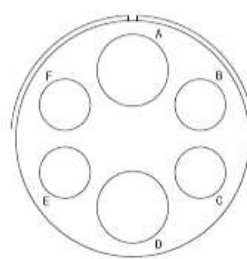
Insert Arrangement

Insert Arrangement Number of Contacts Size of Contacts Service Rating	Shell Size 10		Shell Size 14S				
							
	10SL-3	10SL-4	14S-1	14S-5	14S-6	14S-7	14S-12
	3	2	3	5	6	3	3
	#16	#16	#16	#16	#16	#16	#16
	A	A	A	INST	INST/1	A/2	A
Insert Arrangement Number of Contacts Size of Contacts Service Rating	Shell Size 16S, 16						
							
	16S-1	16S-8	16-9	16-10	16-11	16-12	
	7	5	4	3	2	1	
	#16	#16	#12-2, #16-2	#12	#12	#4	
	A/2	A	A	A/2	A	A/2	
Insert Arrangement Number of Contacts Size of Contacts Service Rating	Shell Size 18						
							
	18-1	18-5	18-8	18-9	18-10	18-11	
	10	3	8	7	4	5	
	#16	#12-2, #16-1	#12-1, #16-7	#12-2, #16-5	#12	#12	
	A(B,C,F,G)	D	A	INST/1	A	A/2	
	INST(all others)						
Insert Arrangement Number of Contacts Size of Contacts Service Rating	Shell Size 18			Shell Size 20			
							
	18-12	18-19	18-21	20-2	20-3	20A9	
	6	10	3	1	3	9	
	#16	#16	#12	#0	#12	#12	
	A	A	A	D/3	D	D(J)/3	
						INST(all others)/1	
Insert Arrangement Number of Contacts Size of Contacts Service Rating	Shell Size 20						
							
	20-11	20-16	20-19	20-22	20-23	20-29	
	13	9	3	6	2	17	
	#16	#12-2, #16-7	#8	#8-3, #16-3	#8	#16	
	INST	A	A	A/2	A	A	
Insert Arrangement Number of Contacts Size of Contacts Service Rating	Shell Size 20		Shell Size 22				
							
	20-33	20A48	22-2	22-12	22-14		
	11	19	3	5	19		
	#16	#16	#8	#8-2, #16-3	#16		
	A	INST/1	D/3	D/3	A/2		

Insert Arrangement

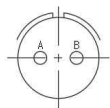
	Shell Size 22				Shell Size 24
Insert Arrangement Number of Contacts Size of Contacts Service Rating					
	22-19	22-21	22-22	22-23	24-5
	14	3	4	8	16
	#16	#0-1, #16-2	#8	#12	#16
A	A	A	D(H)	A	
					A(all others)
	Shell Size 24				
Insert Arrangement Number of Contacts Size of Contacts Service Rating					
	24-9	24-10	24-11	24-12	24-20
	2	7	9	5	11
	#4	#8	#8-3, #12-6	#4-2, #12-3	#12-2, #16-9
A/2	A/2	A/2	A/2	D	
	Shell Size 24				
Insert Arrangement Number of Contacts Size of Contacts Service Rating					
	24-22	24-28	24-67	24-A28	28-1
	4	24	19	28	9
	#8	#16	#12	#16	#8-3, #12-6
D	INST/1	A	INST	A(B, C, D, F, G, H)	
				D(A, E, J)	
	Shell Size 28				
Insert Arrangement Number of Contacts Size of Contacts Service Rating					
	28-5	28-6	28-9	28-10	28-11
	5	3	12	7	22
	#4-2, #12-1, #16-2	#4	#12-6, #16-6	#4-2, #8-2, #12-3	#12-4, #16-18
D	D	D	A(A, B, C, D, E, F)	A/2	
			D(G)		
	Shell Size 28				
Insert Arrangement Number of Contacts Size of Contacts Service Rating					
	28-15	28-16	28-20	28-21	28-22
	35	20	14	37	6
	#16	#16	#12-10, #16-4	#16	#4-3, #16-3
A	A	A/2	A/2	D/3	

Insert Arrangement

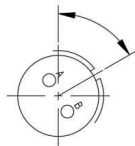
	Shell Size 28		Shell Size 32	
Insert Arrangement Number of Contacts Size of Contacts Service Rating				
	28-A9	28-A16	32-1	32-5
	9	9	5	2
	#4-4, #16-5	#4-4, #16-5	#0-2, #12-3	#0
A	A/2	E(A)/4	E	
		D(all others)/3		
	Shell Size 32			
Insert Arrangement Number of Contacts Size of Contacts Service Rating				
	32-7	32-15	32-17	32A-5
	35	8	4	5
	#12-7, #16-28	#0-2, #12-6	#4	#4
INST(all others)/1	D/3	D	A	
A(O,P,S,R,T,U,V)/2				
	Shell Size 32			
Insert Arrangement Number of Contacts Size of Contacts Service Rating				
	32-A17	32-A22		
	4	22		
	#2-3, #12-1	#0-2, #16-20		
A	A			
	Shell Size 36			
Insert Arrangement Number of Contacts Size of Contacts Service Rating				
	36-3	36-5	36-6	
	6	4	6	
	#0-3, #12-3	#0	#0-2, #4-4	
D/3	A/2	A/2		

Alternate Insert Positions

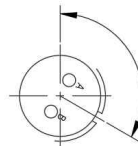
Alternate Positions of Insert Arrangements
(Key Stationary –Insert Rotated)
Front View of Pin Insert



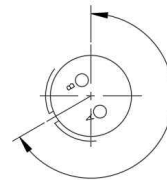
N(NORMAL)



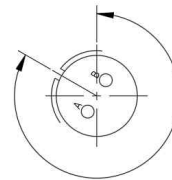
Position W



Position X



Position Y



Position Z

YH-B Series(VG95234 Style)

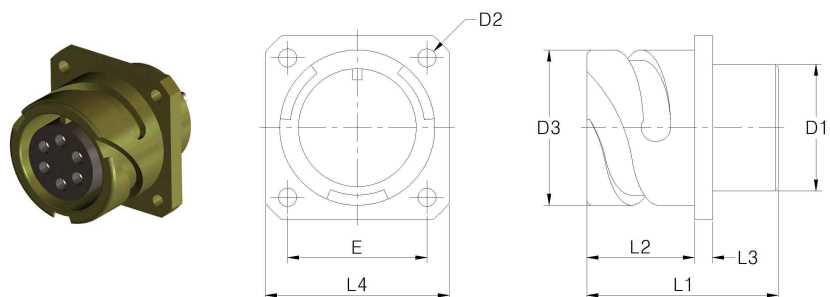
Box Mounting Receptacle

VG95234 Style A

YH3102E-B and Modifications, see page 4

Receptacle for front panel mounting with square flange.

Threaded holes in flange not possible.



UNIT : mm

Part No.	D1 Max.	D2 H13	D3 +0.00 -0.15	E ±0.1	L1 ±0.3	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3
YH3102E10SL-**-B-***	16.2	3.2	18.20	18.2	24.7	14.2	2.8	25.4
YH3102E14S-**-B-***	19.2	3.2	24.60	23.0	24.7	14.2	3.2	30.0
YH3102E16S-**-B-***	22.4	3.2	27.40	24.6	24.7	14.2	3.2	32.5
YH3102E16-**-B-***	22.4	3.2	27.40	24.6	33.8	19.0	3.2	32.5
YH3102E18-**-B-***	25.6	3.2	30.80	27.0	33.8	19.0	4.0	35.0
YH3102E20-**-B-***	29.0	3.2	34.20	29.4	33.8	19.0	4.0	38.0
YH3102E22-**-B-***	32.2	3.2	37.40	31.8	33.8	19.0	4.0	41.0
YH3102E24-**-B-***	35.3	3.7	40.90	34.9	33.8	20.6	4.0	44.5
YH3102E28-**-B-***	41.4	3.7	46.70	39.7	33.8	20.6	4.0	50.8
YH3102E32-**-B-***	47.8	4.3	53.40	44.5	33.8	22.2	4.0	57.0
YH3102E36-**-B-***	54.1	4.3	59.60	49.2	33.8	22.2	4.0	63.5

Box Mounting Receptacle

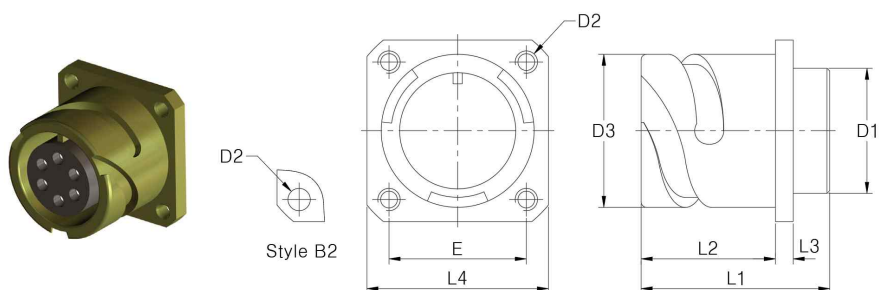
VG95234 Style B1 (with threaded holes in flange)

VG95234 Style B2 (with through holes in flange)

YH3102-B and Modifications,

e g -04, -109 or -111

YH3102-B designates a receptacle with square flange for rear panel mounting.



YH3102-B and Modifications, see page 4

UNIT : mm

Part No.	D1 Max.	D2		D3 +0.00 -0.15	E ±0.1	L1 ±0.3	L2 +0.40 -0.00	L3 ±0.2	L4 ±0.3
		Style B1 Thread	Style B2 H13						
YH3102E10SL-**-B-***	16.2	M4x0.7	3.2	18.20	18.2	24.7	18.20	2.8	25.4
YH3102E14S-**-B-***	19.2	M4x0.7	3.2	24.60	23.0	24.7	18.20	3.2	30.0
YH3102E16S-**-B-***	22.4	M4x0.7	3.2	27.40	24.6	24.7	18.20	3.2	32.5
YH3102E16-**-B-***	22.4	M4x0.7	3.2	27.40	24.6	33.8	21.50	3.2	32.5
YH3102E18-**-B-***	25.6	M4x0.7	3.2	30.80	27.0	33.8	23.05	4.0	35.0
YH3102E20-**-B-***	29.0	M4x0.7	3.2	34.20	29.4	33.8	23.05	4.0	38.0
YH3102E22-**-B-***	32.2	M4x0.7	3.2	37.40	31.8	33.8	23.05	4.0	41.0
YH3102E24-**-B-***	35.3	M4x0.7	3.7	40.90	34.9	33.8	23.05	4.0	44.5
YH3102E28-**-B-***	41.4	M5x0.8	3.7	46.70	39.7	33.8	24.05	4.0	50.8
YH3102E32-**-B-***	47.8	M5x0.8	4.3	53.40	44.5	33.8	24.05	4.0	57.0
YH3102E36-**-B-***	54.1	M5x0.8	4.3	59.60	49.2	33.8	24.05	4.0	63.5

YH-B Series(VG95234 Style)

Thru-Bulkhead Receptacle

VG95234 Style C1 resp. YTBF-B

(with threaded holes in flange)

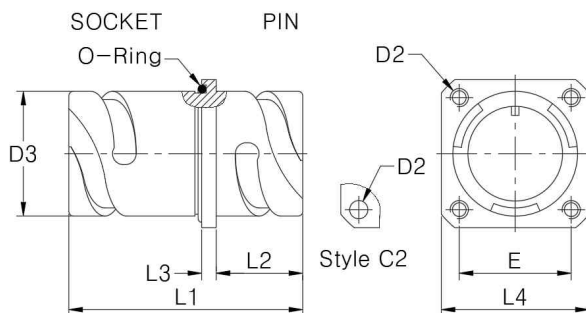
VG95234 Style C2 resp. YTBF-B-05

(with through holes in flange)

YTBF-B designates a bulkhead receptacle with mounting flange.

YTBF-B and Modifications see page 4

UNIT : mm



Part No.	D2		D3 +0.00 -0.15	E ±0.1	L1 ±0.7	L2 +0.3 -0.0	L3 ±0.2	L4 ±0.3
	Style C1 Thread	Style C2 H13						
YTBF-10SL-**-B-***	M4x0.7	3.2	18.20	18.2	37.5	14.2	2.8	25.4
YTBF-14S-**-B-***	M4x0.7	3.2	24.60	23.0	37.5	14.2	3.2	30.0
YTBF-16S-**-B-***	M4x0.7	3.2	27.40	24.6	37.5	14.2	3.2	32.5
YTBF-16-**-B-***	M4x0.7	3.2	27.40	24.6	51.4	19.0	3.2	32.5
YTBF-18-**-B-***	M4x0.7	3.2	30.80	27.0	51.4	19.0	4.0	35.0
YTBF-20-**-B-***	M4x0.7	3.2	34.20	29.4	51.4	19.0	4.0	38.4
YTBF-22-**-B-***	M4x0.7	3.2	37.40	31.8	51.4	19.0	4.0	41.0
YTBF-24-**-B-***	M4x0.7	3.7	40.90	34.9	51.4	20.6	4.0	44.5
YTBF-28-**-B-***	M5x0.8	3.7	46.70	39.7	51.4	20.6	4.0	50.8
YTBF-32-**-B-***	M5x0.8	4.3	53.40	44.5	51.4	22.2	4.0	57.0
YTBF-36-**-B-***	M5x0.8	4.3	59.60	49.2	51.4	22.2	4.0	63.5

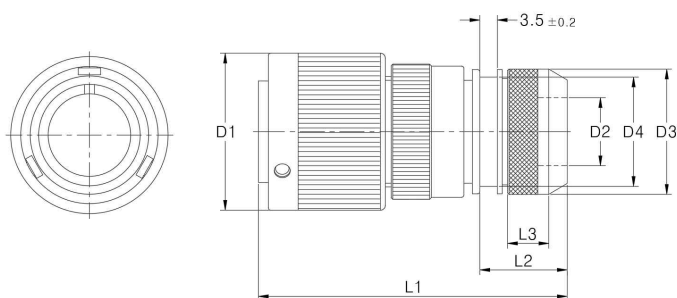
Straight Plug, Shielded

VG95234 Style M

YH3106E-B-13, -14 or -15 designates

a straight, shielded plug with endbell for shielded braids, and heat shrinkable boots.

YH3106E-B and Modifications, see page 4



UNIT : mm

Part No.	D1 Max.	D2 Min.	D3 ±0.5	D4 Max.	L1 Max.	L2 +0.1 -0.0	L3 ±0.5
YH3106E10SL-**-B-***	22.80	7.70	18.50	16.30	55.00	17.00	7.00
YH3106E14S-**-B-***	29.20	10.60	22.00	20.00	55.00	17.00	7.00
YH3106E16S-**-B-***	32.00	13.50	25.00	23.00	60.00	18.00	8.00
YH3106E16-**-B-***	32.00	13.50	25.00	23.00	70.00	18.00	8.00
YH3106E18-**-B-***	36.50	14.60	28.00	24.50	70.00	18.00	8.00
YH3106E20-**-B-***	39.90	18.50	32.00	28.50	70.00	18.00	10.00
YH3106E24-**-B-***	46.60	24.60	38.00	34.50	70.00	18.00	10.00
YH3106E28-**-B-***	53.40	27.00	41.00	37.50	70.00	18.00	10.00
YH3106E32-**-B-***	60.10	33.30	48.00	44.00	70.00	18.00	10.00
YH3106E36-**-B-***	66.30	38.50	55.00	51.00	80.00	18.00	10.00

YH-B Series(VG95234 Style)

Wall Mounting Receptacle

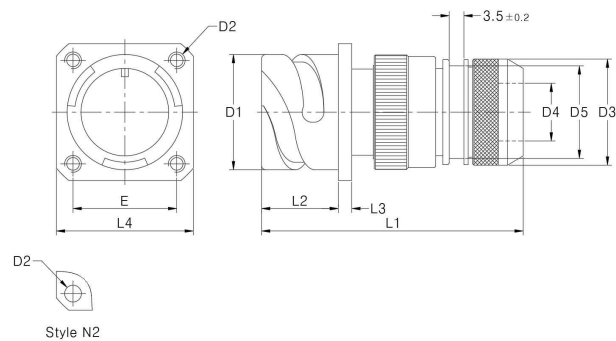
VG95234 Style N1 (with threaded holes in flange)

VG95234 Style N2 (with through holes in flange)

YH3100E-B , -13, -14 or -15,

05-13, -05-14 or 05-15

designates a shielded receptacle with endbell for shielded braids, and also for heat shrinkable boots.



YH3100E-B and Modifications, see page 4

UNIT : mm

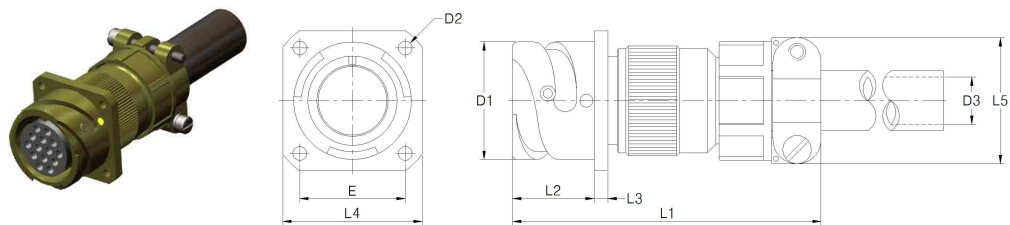
Part No.	D1 +0.00 -0.15	D2		D3 ±0.5	D4 Min.	D5 Max.	E ±0.1	L1 Max.	L2 +0.40 -0.00	L3 ±0.2	L4 ±0.3
		Style N1 Thread	Style N2 H13								
YH3100E10SL-**-B-***	18.2	M4x0.7	3.2	18.5	7.7	16.3	18.2	55.0	18.20	2.8	25.4
YH3100E14S-**-B-***	24.6	M4x0.7	3.2	22.0	10.6	20.0	23.0	58.0	18.20	3.2	30.0
YH3100E16S-**-B-***	27.4	M4x0.7	3.2	25.0	13.5	23.0	24.6	70.0	18.20	3.2	32.5
YH3100E16-**-B-***	27.4	M4x0.7	3.2	25.0	13.5	23.0	24.6	70.0	21.50	3.2	32.5
YH3100E18-**-B-***	30.8	M4x0.7	3.2	28.0	14.6	24.5	27.0	70.0	23.05	4.0	35.0
YH3100E20-**-B-***	34.2	M4x0.7	3.2	32.0	18.5	28.5	29.4	70.0	23.05	4.0	38.4
YH3100E24-**-B-***	40.9	M4x0.7	3.7	38.0	24.6	34.5	34.9	70.0	23.05	4.0	44.5
YH3100E28-**-B-***	46.7	M5x0.8	3.7	41.0	27.0	37.5	39.7	70.0	24.05	4.0	50.8
YH3100E32-**-B-***	53.4	M5x0.8	4.3	48.0	33.3	44.0	44.5	75.0	24.05	4.0	57.0
YH3100E36-**-B-***	59.6	M5x0.8	4.3	55.0	38.5	51.0	49.2	85.0	24.05	4.0	63.5

YHB Series(VG95234 Style)

Receptacle For Front Panel Mounting

YHB00F – Receptacle with through mounting holes, individual wire sealing grommet and cable clamp with bushing

YHB00AF – no grommet



YHB00 and Modifications, see page 5

UNITS : mm

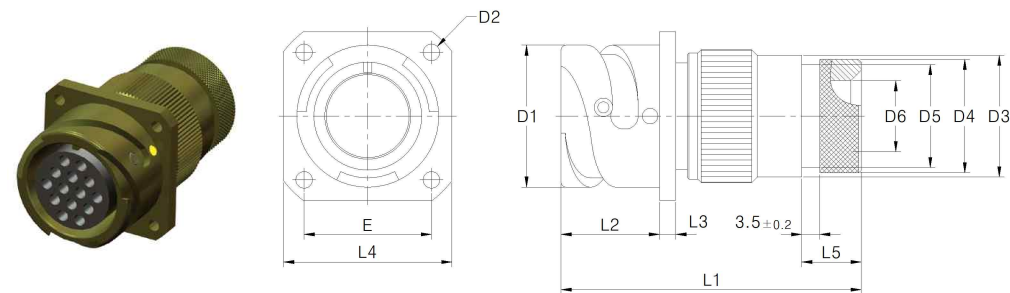
Part No.	D1 +0.00 -0.15	D2 H13	D3 Ref.	E ±0.1	L1 최대	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 최대
YHB00**-10SL-**-***	18.20	3.2	5.58	18.2	64.0	14.2	2.8	25.4	22.7
YHB00**-14S-**-***	24.60	3.2	7.92	23.0	69.0	14.2	3.2	30.0	27.5
YHB00**-16S-**-***	27.40	3.2	11.09	24.6	71.0	14.2	3.2	32.5	30.0
YHB00**-16-**-***	27.40	3.2	11.09	24.6	82.0	19.0	3.2	32.5	30.0
YHB00**-18-**-***	30.80	3.2	14.27	27.0	82.0	19.0	4.0	35.0	32.2
YHB00**-20-**-***	34.20	3.2	15.87	29.4	82.0	19.0	4.0	38.0	37.5
YHB00**-22-**-***	37.40	3.2	15.87	31.8	83.0	19.0	4.0	41.0	37.5
YHB00**-24-**-***	40.90	3.7	19.05	34.9	87.0	20.6	4.0	44.5	43.3
YHB00**-28-**-***	46.70	3.7	19.05	39.7	93.0	20.6	4.0	50.8	43.3
YHB00**-32-**-***	53.40	4.3	23.79	44.5	99.0	22.2	4.0	57.0	51.7
YHB00**-36-**-***	59.60	4.3	31.75	49.2	100.0	22.2	4.0	63.5	58.0

Receptacle For Front Panel Mounting

YHB00G – Receptacle with through mounting holes, individual wire sealing grommet and backshell for heat shrinkable tubing.

YHB00AG – no grommet

YHB00 and Modifications, see page 5



UNITS : mm

Part No.	D1 +0.00 -0.15	D2 H13	D3 ±0.2	D4 ±0.2	D5 Max.	D6 ±0.1	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 ±0.1
YHB00**-10SL-**-***	18.20	3.2	17.0	15.5	13.3	7.9	18.2	48.0	14.2	2.8	25.4	11.7
YHB00**-14S-**-***	24.60	3.2	20.1	19.1	17.0	10.8	23.0	48.0	14.2	3.2	30.0	11.7
YHB00**-16S-**-***	27.40	3.2	23.5	23.9	21.9	13.7	24.6	48.0	14.2	3.2	32.5	11.7
YHB00**-16-**-***	27.40	3.2	23.5	23.9	21.9	13.7	24.6	60.0	19.0	3.2	32.5	11.5
YHB00**-18-**-***	30.80	3.2	26.5	23.9	21.9	14.8	27.0	60.0	19.0	4.0	35.0	11.5
YHB00**-20-**-***	34.20	3.2	30.2	29.6	26.2	18.9	29.4	65.0	19.0	4.0	38.0	12.4
YHB00**-22-**-***	37.40	3.2	33.6	29.6	26.2	21.0	31.8	65.0	19.0	4.0	41.0	12.4
YHB00**-24-**-***	40.90	3.7	36.1	37.8	34.5	24.8	34.9	65.0	20.6	4.0	44.5	12.7
YHB00**-28-**-***	46.70	3.7	41.4	37.8	34.5	27.2	39.7	65.0	20.6	4.0	50.8	12.7
YHB00**-32-**-***	53.40	4.3	48.6	47.8	43.6	33.5	44.5	70.0	22.2	4.0	57.0	15.2
YHB00**-36-**-***	59.60	4.3	54.8	47.8	43.6	38.7	49.2	75.0	22.2	4.0	63.5	15.2

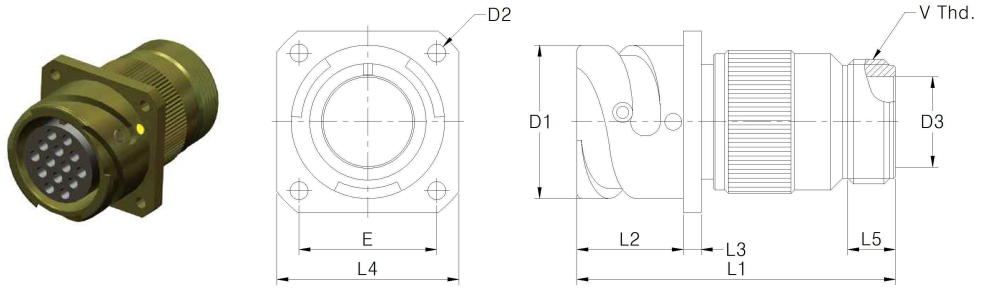
YHB Series(VG95234 Style)

Receptacle For Front Panel Mounting

YHB00R – Receptacle with through mounting holes and backshell.

R type has individual wire sealing grommet

YHB00 and Modifications, see page 5



UNITS : mm

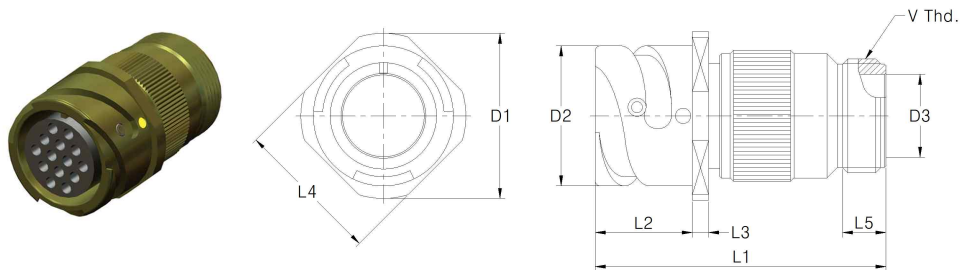
Part No.	D1 +0.00 -0.15	D2 H13	D3 +0.1 -0.0	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 Min.	V Thread. (Class : 2A)
YHB00R-10SL-***-***	18.20	3.2	10.4	18.2	43.0	14.2	2.8	25.4	9.5	5/8-24UNEF
YHB00R-14S-***-***	24.60	3.2	13.2	23.0	47.0	14.2	3.2	30.0	9.5	3/4-20UNEF
YHB00R-16S-***-***	27.40	3.2	16.2	24.6	47.0	14.2	3.2	32.5	9.5	7/8-20UNEF
YHB00R-16-***-***	27.40	3.2	16.2	24.6	58.0	19.0	3.2	32.5	9.5	7/8-20UNEF
YHB00R-18-***-***	30.80	3.2	19.2	27.0	58.0	19.0	4.0	35.0	9.5	1-20UNEF
YHB00R-20-***-***	34.20	3.2	22.0	29.4	58.0	19.0	4.0	38.0	9.5	1 3/16-18UNEF
YHB00R-22-***-***	37.40	3.2	24.5	31.8	59.0	19.0	4.0	41.0	9.5	1 3/16-18UNEF
YHB00R-24-***-***	40.90	3.7	27.8	34.9	61.0	20.6	4.0	44.5	9.5	1 7/16-18UNEF
YHB00R-28-***-***	46.70	3.7	31.2	39.7	67.0	20.6	4.0	50.8	9.5	1 7/16-18UNEF
YHB00R-32-***-***	53.40	4.3	37.8	44.5	71.0	22.2	4.0	57.0	11.0	1 3/4-18UNS
YHB00R-36-***-***	59.60	4.3	45.0	49.2	71.0	22.2	4.0	63.5	11.8	2-18UNS

In-Line Receptacle

YHB01R – Inline receptacle with backshell.

R type has individual wire sealing grommet.

YHB01 and Modifications, see page 5



UNITS : mm

Part No.	D1 Max.	D2 +0.00 -0.15	D3 +0.1 -0.0	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.2	L5 Min.	V Thread. (Class : 2A)
YHB01R-10SL-***-***	25.2	18.20	10.4	43.0	14.2	2.8	20.6	9.5	5/8-24UNEF
YHB01R-14S-***-***	29.8	24.60	13.2	47.0	14.2	3.2	25.4	9.5	3/4-20UNEF
YHB01R-16S-***-***	32.3	27.40	16.2	47.0	14.2	3.2	28.6	9.5	7/8-20UNEF
YHB01R-16-***-***	32.3	27.40	16.2	58.0	19.0	3.2	28.6	9.5	7/8-20UNEF
YHB01R-18-***-***	34.8	30.80	19.2	58.0	19.0	4.0	31.7	9.5	1-20UNEF
YHB01R-20-***-***	37.8	34.20	22.0	58.0	19.0	4.0	34.9	9.5	1 3/16-18UNEF
YHB01R-22-***-***	41.1	37.40	24.5	59.0	19.0	4.0	38.1	9.5	1 3/16-18UNEF
YHB01R-24-***-***	44.6	40.90	27.8	61.0	20.6	4.0	41.3	9.5	1 7/16-18UNEF
YHB01R-28-***-***	50.9	46.70	31.2	67.0	20.6	4.0	47.6	9.5	1 7/16-18UNEF
YHB01R-32-***-***	57.1	53.40	37.8	71.0	22.2	4.0	54.0	11.0	1 3/4-18UNS
YHB01R-36-***-***	63.6	59.60	45.0	71.0	22.2	4.0	60.6	11.8	2-18UNS

YHB Series(VG95234 Style)

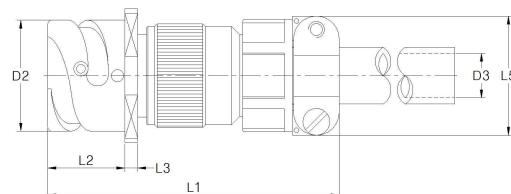
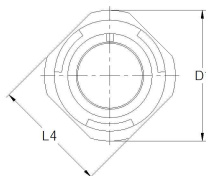
In-Line Receptacle

VG95234 Style F

YHB01F – Inline receptacle with an individual wire sealing grommet and cable clamp with a bushing.

YHB01AF – no grommet

YHB01 and Modifications, see page 5



UNITS : mm

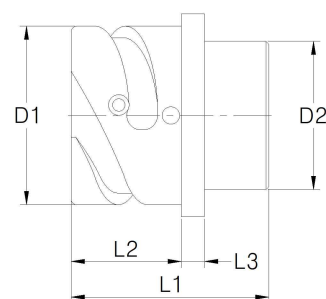
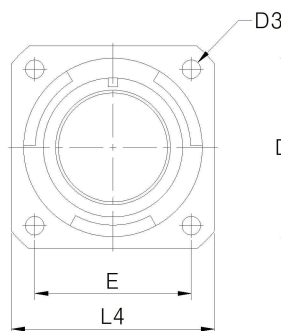
Part No.	D1 Max.	D2 +0.00 -0.15	D3 Ref.	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.2	L5 Max.
YHB01**-10SL-**-***	25.2	18.20	5.58	64.0	14.2	2.8	20.6	22.7
YHB01**-14S-**-***	29.8	24.60	7.92	69.0	14.2	3.2	25.4	27.5
YHB01**-16S-**-***	32.3	27.40	11.09	71.0	14.2	3.2	28.6	30.0
YHB01**-16-**-***	32.3	27.40	11.09	82.0	19.0	3.2	28.6	30.0
YHB01**-18-**-***	34.8	30.80	14.27	82.0	19.0	4.0	31.7	32.2
YHB01**-20-**-***	37.8	34.20	15.87	82.0	19.0	4.0	34.9	37.5
YHB01**-22-**-***	41.1	37.40	15.87	83.0	19.0	4.0	38.1	37.5
YHB01**-24-**-***	44.6	40.90	19.05	87.0	20.6	4.0	41.3	43.3
YHB01**-28-**-***	50.9	46.70	19.05	93.0	20.6	4.0	47.6	43.3
YHB01**-32-**-***	57.1	53.40	23.79	99.0	22.2	4.0	54.0	51.7
YHB01**-36-**-***	63.6	59.60	31.75	100.0	22.2	4.0	60.6	58.0

Receptacle For Front Panel Mounting

VG95234 Style A

YHB02R – Receptacle with through mounting holes.

YHB02R and Modifications, see page 5



UNITS : mm

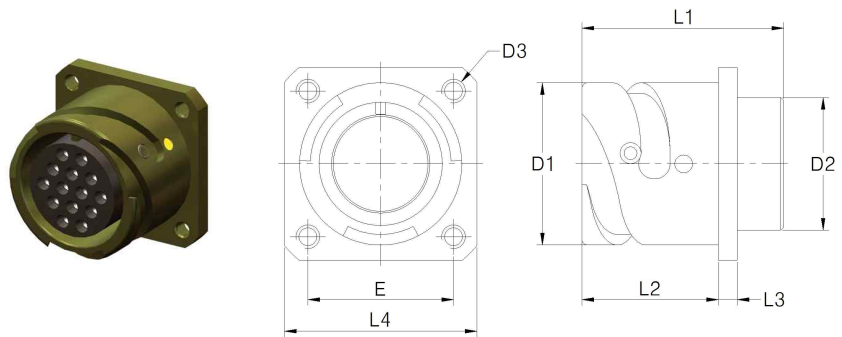
Part No.	D1 +0.00 -0.15	D2 Max.	D3 H13	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3
YHB02R-10SL-**-***	18.20	15.9	3.2	18.2	25.0	14.2	2.8	25.4
YHB02R-14S-**-***	24.60	19.2	3.2	23.0	25.0	14.2	3.2	30.0
YHB02R-16S-**-***	27.40	22.4	3.2	24.6	25.0	14.2	3.2	32.5
YHB02R-16-**-***	27.40	22.4	3.2	24.6	34.1	19.0	3.2	32.5
YHB02R-18-**-***	30.80	25.6	3.2	27.0	34.1	19.0	4.0	35.0
YHB02R-20-**-***	34.20	29.0	3.2	29.4	34.1	19.0	4.0	38.0
YHB02R-22-**-***	37.40	32.2	3.2	31.8	34.1	19.0	4.0	41.0
YHB02R-24-**-***	40.90	35.3	3.7	34.9	36.0	20.6	4.0	44.5
YHB02R-28-**-***	46.70	41.4	3.7	39.7	36.0	20.6	4.0	50.8
YHB02R-32-**-***	53.40	47.8	4.3	44.5	37.6	22.2	4.0	57.0
YHB02R-36-**-***	59.60	54.1	4.3	49.2	37.6	22.2	4.0	63.5

YHB Series(VG95234 Style)

Receptacle For Rear Panel Mounting

YHB03R – Receptacle with threaded mounting holes.

YHB03R and Modifications, see page 5



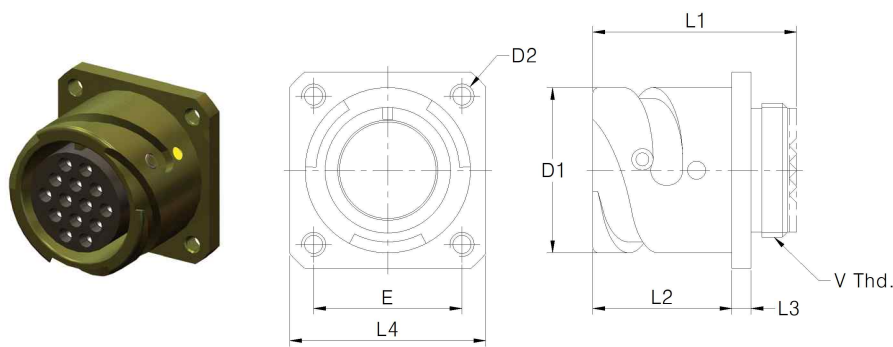
UNITS : mm

Part No.	D1 +0.00 -0.15	D2 Max.	D3	E ±0.1	L1 Max.	L2 +0.40 -0.00	L3 ±0.2	L4 ±0.3
YHB03R-10SL-***-***	18.20	16.2	M4x0.7	18.2	27.9	18.20	2.8	25.4
YHB03R-14S-***-***	24.60	19.2	M4x0.7	23.0	27.9	18.20	3.2	30.0
YHB03R-16S-***-***	27.40	22.4	M4x0.7	24.6	27.9	18.20	3.2	32.5
YHB03R-16-***-***	27.40	22.4	M4x0.7	24.6	34.1	23.05	3.2	32.5
YHB03R-18-***-***	30.80	25.6	M4x0.7	27.0	34.1	23.05	4.0	35.0
YHB03R-20-***-***	34.20	29.0	M4x0.7	29.4	34.1	23.05	4.0	38.0
YHB03R-22-***-***	37.40	32.2	M4x0.7	31.8	34.1	23.05	4.0	41.0
YHB03R-24-***-***	40.90	35.3	M4x0.7	34.9	34.1	23.05	4.0	44.5
YHB03R-28-***-***	46.70	41.4	M5x0.8	39.7	36.0	24.05	4.0	50.8
YHB03R-32-***-***	53.40	47.8	M5x0.8	44.5	37.6	24.05	4.0	57.0
YHB03R-36-***-***	59.60	54.1	M5x0.8	49.2	37.6	24.05	4.0	63.5

Receptacle For Rear Panel Mounting

YHB030 – Receptacle with threaded mounting holes and threaded back end.

YHB030 and Modifications, see page 5



UNITS : mm

Part No.	D1 +0.00 -0.15	D2	E ±0.1	L1 ±0.3	L2 +0.40 -0.00	L3 ±0.2	L4 ±0.3	V Thread. (Class : 2A)
YHB030-10SL-***-***	18.20	M4x0.7	18.2	27.6	18.20	2.8	25.4	5/8-24UNEF
YHB030-14S-***-***	24.60	M4x0.7	23.0	27.6	18.20	3.2	30.0	3/4-20UNEF
YHB030-16S-***-***	27.40	M4x0.7	24.6	27.6	18.20	3.2	32.5	7/8-20UNEF
YHB030-16-***-***	27.40	M4x0.7	24.6	33.8	23.05	3.2	32.5	7/8-20UNEF
YHB030-18-***-***	30.80	M4x0.7	27.0	33.8	23.05	4.0	35.0	1-20UNEF
YHB030-20-***-***	34.20	M4x0.7	29.4	33.8	23.05	4.0	38.0	1 1/8-18UNEF
YHB030-22-***-***	37.40	M4x0.7	31.8	33.8	23.05	4.0	41.0	1 1/4-18UNEF
YHB030-24-***-***	40.90	M4x0.7	34.9	33.8	23.05	4.0	44.5	1 3/8-18UNEF
YHB030-28-***-***	46.70	M5x0.8	39.7	35.7	24.05	4.0	50.8	1 5/8-18UNEF
YHB030-32-***-***	53.40	M5x0.8	44.5	37.3	24.05	4.0	57.0	1 7/8-16UN
YHB030-36-***-***	59.60	M5x0.8	49.2	37.3	24.05	4.0	63.5	2 1/16-16UN

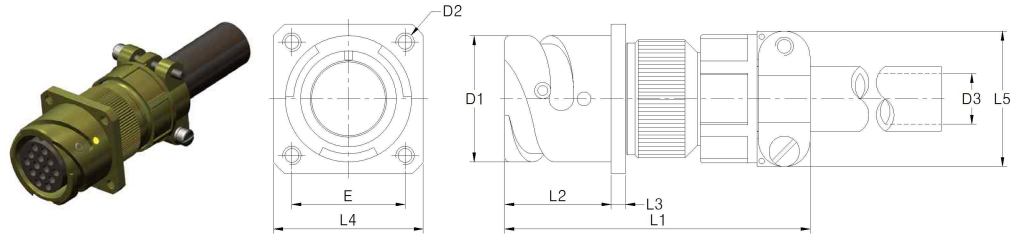
YHB Series(VG95234 Style)

Receptacle For Rear Panel Mounting

YHB030F – Receptacle with threaded mounting holes, individual wire sealing grommet and cable clamp with bushing.

YHB030AF – no grommet

YHB030 and Modifications, see page 5



UNITS : mm

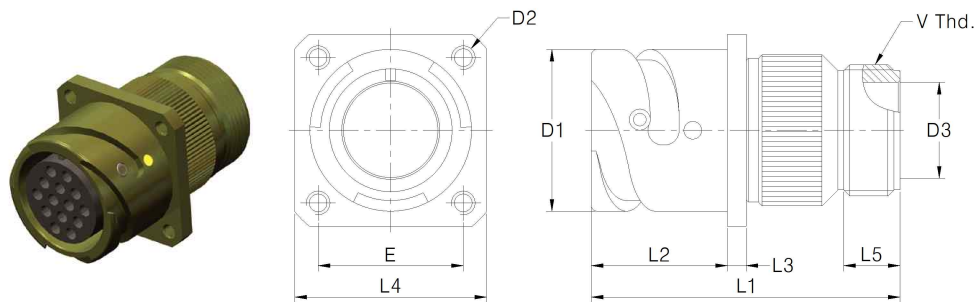
Part No.	D1 +0.00 -0.15	D2	D3 Ref.	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 Max.
YHB030**-10SL-***-***	18.20	M4x0.7	5.58	18.2	67.0	18.20	2.8	25.4	22.7
YHB030**-14S-***-***	24.60	M4x0.7	7.92	23.0	72.0	18.20	3.2	30.0	27.5
YHB030**-16S-***-***	27.40	M4x0.7	11.09	24.6	75.0	18.20	3.2	32.5	30.0
YHB030**-16-***-***	27.40	M4x0.7	11.09	24.6	82.0	23.05	3.2	32.5	30.0
YHB030**-18-***-***	30.80	M4x0.7	14.27	27.0	82.0	23.05	4.0	35.0	32.2
YHB030**-20-***-***	34.20	M4x0.7	15.87	29.4	82.0	23.05	4.0	38.0	37.5
YHB030**-22-***-***	37.40	M4x0.7	15.87	31.8	83.0	23.05	4.0	41.0	37.5
YHB030**-24-***-***	40.90	M4x0.7	19.05	34.9	85.0	23.05	4.0	44.5	43.3
YHB030**-28-***-***	46.70	M5x0.8	19.05	39.7	93.0	24.05	4.0	50.8	43.3
YHB030**-32-***-***	53.40	M5x0.8	23.79	44.5	99.0	24.05	4.0	57.0	51.7
YHB030**-36-***-***	59.60	M5x0.8	31.75	49.2	100.0	24.05	4.0	63.5	58.0

Receptacle For Rear Panel Mounting

YHB030R – Receptacle with threaded mounting holes and backshell.

R type has an individual wire sealing grommet.

YHB030R and Modifications, see page 5



UNITS : mm

Part No.	D1 +0.00 -0.15	D2	D3 +0.1 -0.0	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 Min.	V Thread. (Class : 2A)
YHB030R-10SL-***-***	18.20	M4x0.7	10.4	18.2	46.0	18.20	2.8	25.4	9.5	5/8-24UNEF
YHB030R-14S-***-***	24.60	M4x0.7	13.2	23.0	50.0	18.20	3.2	30.0	9.5	3/4-20UNEF
YHB030R-16S-***-***	27.40	M4x0.7	16.2	24.6	50.0	18.20	3.2	32.5	9.5	7/8-20UNEF
YHB030R-16-***-***	27.40	M4x0.7	16.2	24.6	58.0	23.05	3.2	32.5	9.5	7/8-20UNEF
YHB030R-18-***-***	30.80	M4x0.7	19.2	27.0	58.0	23.05	4.0	35.0	9.5	1-20UNEF
YHB030R-20-***-***	34.20	M4x0.7	22.0	29.4	58.0	23.05	4.0	38.0	9.5	1 3/16-18UNEF
YHB030R-22-***-***	37.40	M4x0.7	24.5	31.8	59.0	23.05	4.0	41.0	9.5	1 3/16-18UNEF
YHB030R-24-***-***	40.90	M4x0.7	27.8	34.9	59.0	23.05	4.0	44.5	9.5	1 7/16-18UNEF
YHB030R-28-***-***	46.70	M5x0.8	31.2	39.7	67.0	24.05	4.0	50.8	9.5	1 7/16-18UNEF
YHB030R-32-***-***	53.40	M5x0.8	37.8	44.5	71.0	24.05	4.0	57.0	11.0	1 3/4-18UNS
YHB030R-36-***-***	59.60	M5x0.8	45.0	49.2	71.0	24.05	4.0	63.5	11.8	2-18UNS

YHB Series(VG95234 Style)

Receptacle For Rear Panel Mounting

VG95234 Style U1

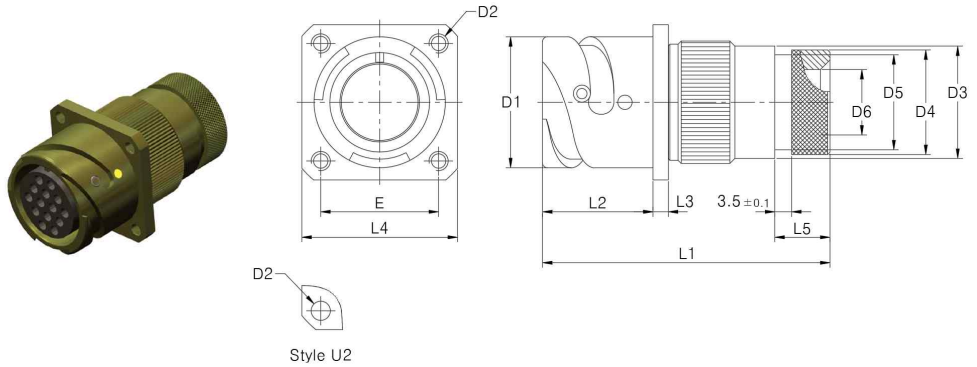
(with threaded holes in flange)

VG95234 Style U2

(with through holes in flange)

YHB030G – Receptacle with threaded mounting holes, individual wire sealing grommet and backshell for heat shrinkable tubing.

YHB030GFP – Receptacle with through mounting holes, individual wire sealing grommet and backshell for heat shrinkable tubing



YHB030 and Modifications, see page 5

UNITS : mm

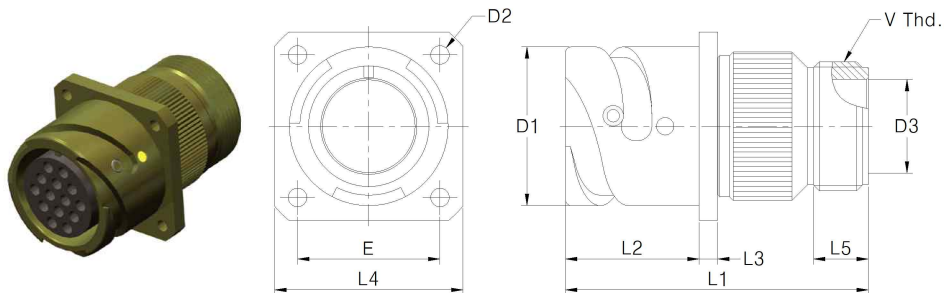
Part No.	D1 +0.00 -0.15	D2		D3 ±0.2	D4 ±0.2	D5 Max.	D6 ±0.1	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 ±0.1
		Style U1 Thread	Style U2 H13										
YHB030G-10SL-***-***	18.20	M4x0.7	3.2	17.0	15.5	13.3	7.9	18.2	50.0	18.20	2.8	25.4	11.7
YHB030G-14S-***-***	24.60	M4x0.7	3.2	20.1	19.1	17.0	10.8	23.0	50.0	18.20	3.2	30.0	11.7
YHB030G-16S-***-***	27.40	M4x0.7	3.2	23.5	23.9	21.9	13.7	24.6	50.0	18.20	3.2	32.5	11.7
YHB030G-16-***-***	27.40	M4x0.7	3.2	23.5	23.9	21.9	13.7	24.6	60.0	23.05	3.2	32.5	11.5
YHB030G-18-***-***	30.80	M4x0.7	3.2	26.5	23.9	21.9	14.8	27.0	60.0	23.05	4.0	35.0	11.5
YHB030G-20-***-***	34.20	M4x0.7	3.2	30.2	29.6	26.2	18.9	29.4	65.0	23.05	4.0	38.0	12.4
YHB030G-22-***-***	37.40	M4x0.7	3.2	33.6	29.6	26.2	21.0	31.8	65.0	23.05	4.0	41.0	12.4
YHB030G-24-***-***	40.90	M4x0.7	3.7	36.1	37.8	34.5	24.8	34.9	65.0	23.05	4.0	44.5	12.7
YHB030G-28-***-***	46.70	M5x0.8	3.7	41.4	37.8	34.5	27.2	39.7	65.0	24.05	4.0	50.8	12.7
YHB030G-32-***-***	53.40	M5x0.8	4.3	48.6	47.8	43.6	33.5	44.5	70.0	24.05	4.0	57.0	15.2
YHB030G-36-***-***	59.60	M5x0.8	4.3	54.8	47.8	43.6	38.7	49.2	75.0	24.05	4.0	63.5	15.2

Receptacle For Rear Panel Mounting

YHB030RFP – Receptacle with through mounting holes and backshell.

R type has an individual wire sealing grommet

YHB030RFP and Modifications, see page 5



UNITS : mm

Part No.	D1 +0.00 -0.15	D2 H13	D3 +0.1 -0.0	E ±0.1	L1 Max.	L2 +0.4 -0.0	L3 ±0.2	L4 ±0.3	L5 Min.	V Thread. (Class : 2A)
YHB030RFP-10SL-***-***	18.20	3.2	10.4	18.2	46.0	18.20	2.8	25.4	9.5	5/8-24UNEF
YHB030RFP-14S-***-***	24.60	3.2	13.2	23.0	50.0	18.20	3.2	30.0	9.5	3/4-20UNEF
YHB030RFP-16S-***-***	27.40	3.2	16.2	24.6	50.0	18.20	3.2	32.5	9.5	7/8-20UNEF
YHB030RFP-16-***-***	27.40	3.2	16.2	24.6	58.0	23.05	3.2	32.5	9.5	7/8-20UNEF
YHB030RFP-18-***-***	30.80	3.2	19.2	27.0	58.0	23.05	4.0	35.0	9.5	1-20UNEF
YHB030RFP-20-***-***	34.20	3.2	22.0	29.4	58.0	23.05	4.0	38.0	9.5	1 3/16-18UNEF
YHB030RFP-22-***-***	37.40	3.2	24.5	31.8	59.0	23.05	4.0	41.0	9.5	1 3/16-18UNEF
YHB030RFP-24-***-***	40.90	3.7	27.8	34.9	59.0	23.05	4.0	44.5	9.5	1 7/16-18UNEF
YHB030RFP-28-***-***	46.70	3.7	31.2	39.7	67.0	24.05	4.0	50.8	9.5	1 7/16-18UNEF
YHB030RFP-32-***-***	53.40	4.3	37.8	44.5	71.0	24.05	4.0	57.0	11.0	1 3/4-18UNS
YHB030RFP-36-***-***	59.60	4.3	45.0	49.2	71.0	24.05	4.0	63.5	11.8	2-18UNS

YHB Series(VG95234 Style)

Straight Plug

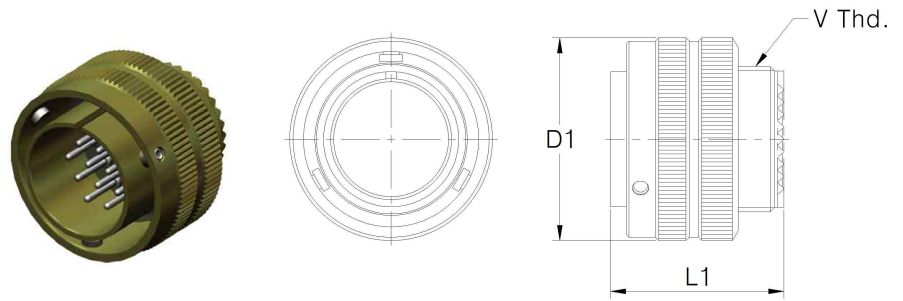
YHB06 – Plug without accessories

YHBG06 – RFI grounding fingers

REMARKS

Above connectors can be supplied as in the picture only.

YHB06 and Modifications, see page 5



UNITS : mm

Part No.	D1 Max.	L1 ±0.3	V Thread. (Class : 2A)
YHB*06-10SL-***-***	22.8	24.6	5/8-24UNEF
YHB*06-14S-***-***	29.2	24.6	3/4-20UNEF
YHB*06-16S-***-***	32.0	24.6	7/8-20UNEF
YHB*06-16-***-***	32.0	34.1	7/8-20UNEF
YHB*06-18-***-***	36.5	34.1	1-20UNEF
YHB*06-20-***-***	39.9	34.1	1 1/8-18UNEF
YHB*06-22-***-***	43.1	34.1	1 1/4-18UNEF
YHB*06-24-***-***	46.6	35.7	1 3/8-18UNEF
YHB*06-28-***-***	53.4	35.7	1 5/8-18UNEF
YHB*06-32-***-***	60.1	37.3	1 7/8-16UN
YHB*06-36-***-***	66.3	37.3	2 1/16-16UN

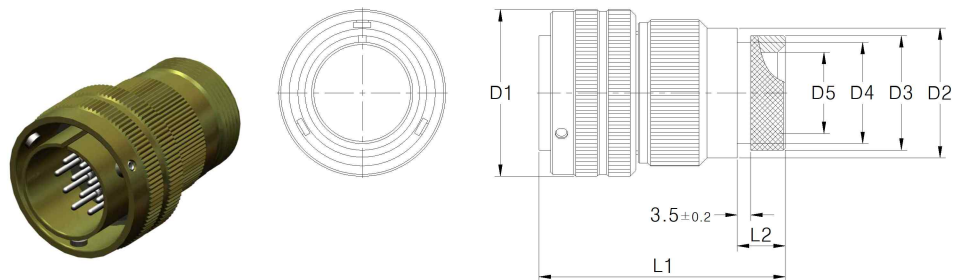
Straight Plug

VG95234 Style G

YHB06G – Straight plug with an individual wire sealing grommet and backshell for heat shrinkable tubing.

YH06AG – no grommet

YHB06 and Modifications, see page 5



UNITS : mm

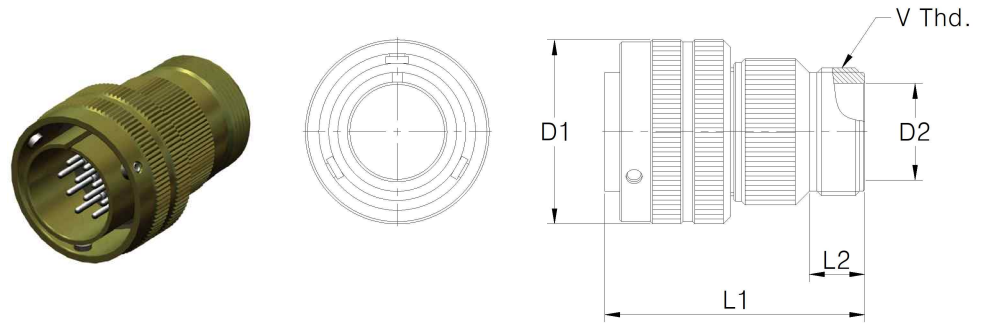
Part No.	D1 Max.	D2 ±0.2	D3 ±0.2	D4 Max.	D5 ±0.1	L1 Max.	L2 ±0.2
YHB06** 10SL-***-***	22.8	17.0	15.5	13.3	7.9	48.0	11.7
YHB06** 14S-***-***	29.2	20.1	19.1	17.0	10.8	48.0	11.7
YHB06** 16-***-***	32.0	23.5	23.9	21.9	13.7	60.0	11.5
YHB06** 18-***-***	36.5	26.5	23.9	21.9	14.8	60.0	11.5
YHB06** 20-***-***	39.9	30.2	29.6	26.2	18.9	65.0	12.4
YHB06** 22-***-***	43.1	33.6	29.6	26.2	21.0	65.0	12.4
YHB06** 24-***-***	46.6	36.1	37.8	34.5	24.8	65.0	12.7
YHB06** 28-***-***	53.4	41.4	37.8	34.5	27.2	65.0	12.7
YHB06** 32-***-***	60.1	48.6	47.8	43.6	33.5	70.0	15.2

YHB Series(VG95234 Style)

Straight Plug

VG95234 Style H
YHB06R – Straight plug with backshell.
R type has an individual wire sealing grommet.

YHB06 and Modifications, see page 5



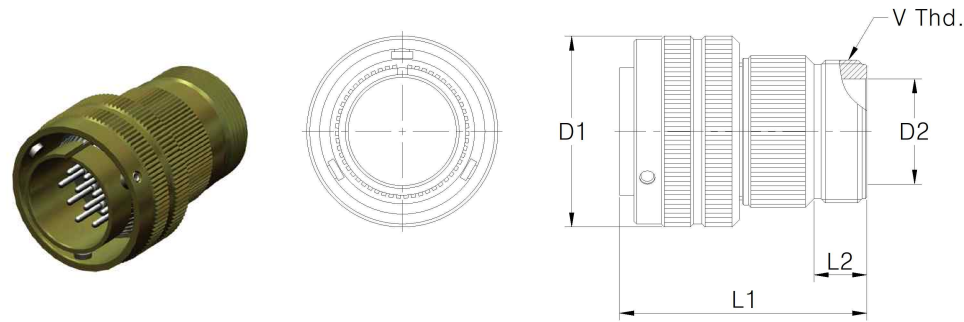
UNITS : mm

Part No.	D1 Max.	D2 +0.1 -0.0	L1 Max.	L2 Min.	V Thread. (Class : 2A)
YHB06R 10SL-**-***	22.8	10.5	43.0	9.5	5/8-24UNEF
YHB06R 14S-**-***	29.2	13.2	47.0	9.5	3/4-20UNEF
YHB06R 16S-**-***	32.0	16.2	47.0	9.5	7/8-20UNEF
YHB06R 16-**-***	32.0	16.2	58.0	9.5	7/8-20UNEF
YHB06R 18-**-***	36.5	19.2	58.0	9.5	1-20UNEF
YHB06R 20-**-***	39.9	22.0	58.0	9.5	1 3/16-18UNEF
YHB06R 22-**-***	43.1	24.5	59.0	9.5	1 3/16-18UNEF
YHB06R 24-**-***	46.6	27.8	61.0	9.5	1 7/16-18UNEF
YHB06R 28-**-***	53.4	31.2	67.0	9.5	1 7/16-18UNEF
YHB06R 32-**-***	60.1	37.8	71.0	11.0	1 3/4-18UNS

Straight Plug, Shielded

VG95234 Style L
YHBG06R – Straight plug with backshell.
YHBG type has RFI grounding fingers.

YHBG06 and Modifications, see page 5



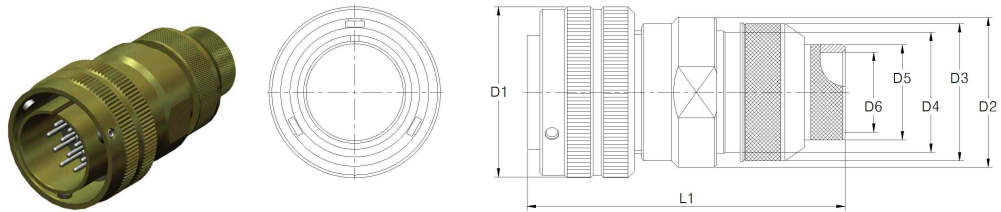
UNITS : mm

Part No.	D1 Max.	D2 +0.1 -0.0	L1 Max.	L2 Min.	V Thread. (Class : 2A)
YHBG06R 10SL-**-***	22.8	10.5	43.0	9.5	5/8-24UNEF
YHBG06R 14S-**-***	29.2	13.2	47.0	9.5	3/4-20UNEF
YHBG06R 16S-**-***	32.0	16.2	47.0	9.5	7/8-20UNEF
YHBG06R 16-**-***	32.0	16.2	58.0	9.5	7/8-20UNEF
YHBG06R 18-**-***	36.5	19.2	58.0	9.5	1-20UNEF
YHBG06R 20-**-***	39.9	22.0	58.0	9.5	1 3/16-18UNEF
YHBG06R 22-**-***	43.1	24.5	59.0	9.5	1 3/16-18UNEF
YHBG06R 24-**-***	46.6	27.8	61.0	9.5	1 7/16-18UNEF
YHBG06R 28-**-***	53.4	31.2	67.0	9.5	1 7/16-18UNEF
YHBG06R 32-**-***	60.1	37.8	71.0	11.0	1 3/4-18UNS

YHB Series(VG95234 Style)

Straight Plug

YHB06SBT – Plug with RFI grounding fingers for terminating braided shield. Straight backshell with a swivel coupling nut and adapter suitable for use with heat shrink tubing or boot. The backshell includes a knurled extension for the shield termination via a tincl lock ring (not supplied). A wire sealing grommet is included.

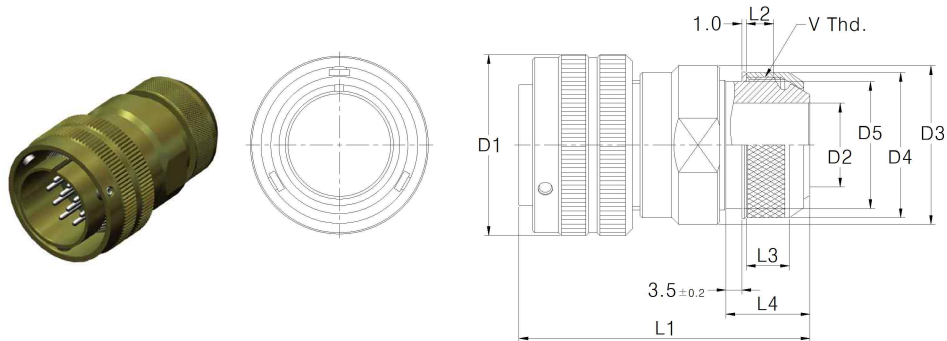


YHB06 and Modifications, see page 5
UNITS : mm

Part No.	D1 Max.	D2 ±0.5	D3	D4 Max.	D5 Ref.	D6 ±0.2	L1 Ref.	Tinel Ring P/N
YHB06SBT-10SL-***-***	22.8	22.0	18.5	16.3	11.1	7.6	61.8	TR05
YHB06SBT-14S-***-***	29.2	24.8	22.0	20.0	14.3	10.8	61.8	TR07
YHB06SBT-16S-***-***	32.0	27.8	25.0	23.0	15.9	12.4	63.8	TR08
YHB06SBT-16-***-***	32.0	27.8	25.0	23.0	15.9	12.4	73.3	TR08
YHB06SBT-18-***-***	36.5	30.8	28.0	24.5	19.1	15.6	74.5	TR10
YHB06SBT-20-***-***	39.9	34.8	32.0	28.5	22.3	18.7	75.7	TR12
YHB06SBT-22-***-***	43.1	37.8	34.0	30.5	25.4	22.2	75.0	TR14
YHB06SBT-24-***-***	46.6	40.8	38.0	34.5	28.6	25.1	75.0	TR16
YHB06SBT-28-***-***	53.4	47.8	41.0	37.5	31.8	28.3	76.1	TR18
YHB06SBT-32-***-***	60.1	53.8	48.0	44.0	31.8	28.3	77.7	TR18
YHB06SBT-36-***-***	66.3	60.8	55.0	51.0	44.5	41.3	76.5	-

Straight Plug, Shielded

VG95234 Style M
YHBG06SB – Straight plug with an individual wire sealing grommet, RFI grounding fingers and a special backshell for shield braid and heat shrinkable tubing termination.



YHB06SB – no RFI grounding fingers
YHB06 and Modifications, see page 5

Part No.	D1 Max.	D2 Min.	D3 Max.	D4 +0.5 -0.0	D5 Max.	L1 Max.	L2 Min.	L3 ±0.5	L4 ±0.1	V Thread.
YHB*06SB-10SL-***-***	22.8	8.6	22.0	18.5	16.3	51.4	4.5	5.5	17.0	M16x1.0
YHB*06SB-14S-***-***	29.2	10.6	25.0	22.0	20.0	51.4	5.0	7.0	17.0	M20x1.0
YHB*06SB-16S-***-***	32.0	13.5	28.0	25.0	23.0	62.5	6.0	8.0	18.5	M23x1.0
YHB*06SB-16-***-***	32.0	13.5	28.0	25.0	23.0	63.7	6.0	8.0	18.5	M23x1.0
YHB*06SB-18-***-***	36.5	14.6	31.0	28.0	24.5	63.7	6.0	8.0	18.5	M26x1.0
YHB*06SB-20-***-***	39.9	18.5	35.0	32.0	28.5	63.7	6.0	10.0	18.5	M30x1.0
YHB*06SB-22-***-***	43.1	20.8	38.0	34.0	30.5	63.7	6.0	10.0	18.5	M32x1.0
YHB*06SB-24-***-***	46.6	24.6	41.0	38.0	34.5	64.4	6.0	10.0	18.5	M36x1.0
YHB*06SB-28-***-***	53.4	27.0	48.0	41.0	37.5	64.4	6.0	10.0	18.5	M39x1.0
YHB*06SB-32-***-***	60.1	33.3	54.0	48.0	44.0	66.0	6.0	10.0	18.5	M45x1.0

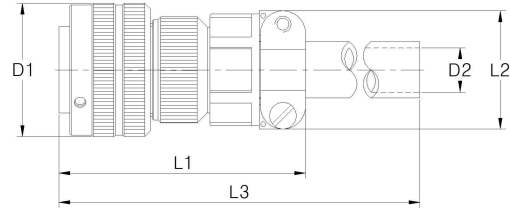
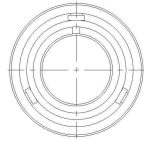
YHB Series(VG95234 Style)

Straight Plug

VG95234 Style D

YHB06F – Straight plug with an individual wire sealing grommet and cable clamp with bushing.

YHB06AF – No grommet



YHB06 and Modifications, see page 5

UNITS : mm

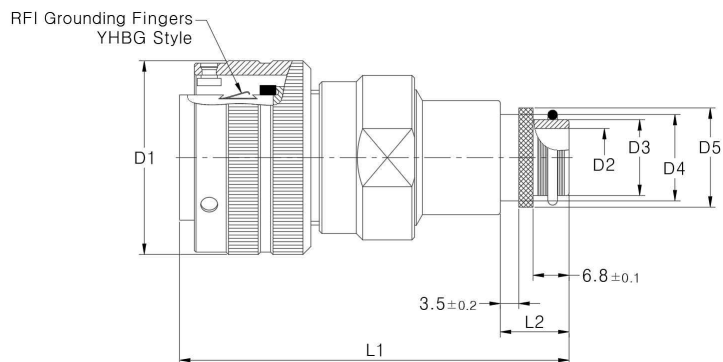
Part No.	D1 Max.	D2 Ref.	L1 Max.	L2 Max.	L3 Ref.
YHB06**-10SL-**-***	22.8	5.58	64.0	22.7	115.0
YHB06**-14S-**-***	29.2	7.92	69.0	27.5	115.0
YHB06**-16S-**-***	32.0	11.09	71.0	30.0	115.0
YHB06**-16-**-***	32.0	11.09	82.0	30.0	120.0
YHB06**-18-**-***	36.5	14.27	82.0	33.0	120.0
YHB06**-20-**-***	39.9	15.87	82.0	37.5	120.0
YHB06**-22-**-***	43.1	15.87	83.0	37.5	120.0
YHB06**-24-**-***	46.6	19.05	87.0	43.3	120.0
YHB06**-28-**-***	53.4	19.05	93.0	43.3	120.0
YHB06**-32-**-***	60.1	23.79	99.0	51.7	120.0
YHB06**-36-**-***	66.3	31.75	100.0	58.0	130.0

YHB Series(VG95234 Style)

Straight Plug, Shielded

YHB06SBT – No RFI grounding fingers

YHBG06SBT – Plug with RFI grounding fingers for terminating braided shield. Straight backshell with a swivel coupling nut and adapter suitable for use with heat shrink tubing or boot. The backshell includes a knurled extension for the shield termination via a tinell lock ring (not supplied). A wire sealing grommet is included.



UNITS : mm

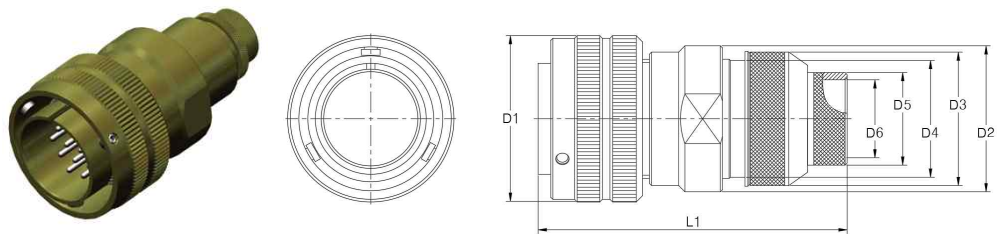
Part No.	Shell Size	Cable Entry Size	Tinell Ring	D1 Max.	D2 +0.2 -0.0	D3	D4	D5	L1 Max.	L2 ±0.25
YHB*06SBT10SL-***-04	10SL	04	TR04xx	22.8	6.5	9.50	11.5	13.9	55.0	13.00
YHB*06SBT10SL-***-05	10SL	05	TR05xx	22.8	8.0	11.10	13.0	15.5	55.0	13.00
YHB*06SBT14S-***-04	14S	04	TR04xx	29.2	6.5	9.50	11.5	13.9	60.0	13.00
YHB*06SBT14S-***-05	14S	05	TR05xx	29.2	8.0	11.10	13.0	15.5	60.0	13.00
YHB*06SBT14S-***-07	14S	07	TR07xx	29.2	11.0	14.30	16.3	18.7	60.0	13.00
YHB*06SBT16S-***-04	16S	04	TR04xx	32.0	6.5	9.50	11.5	13.9	60.0	13.00
YHB*06SBT16S-***-05	16S	05	TR05xx	32.0	8.0	11.10	13.0	15.5	60.0	13.00
YHB*06SBT16S-***-07	16S	07	TR07xx	32.0	11.0	14.30	16.3	18.7	60.0	13.00
YHB*06SBT16S-***-08	16S	08	TR08xx	32.0	13.0	15.90	17.8	20.3	60.0	13.00
YHB*06SBT16-***-04	16	04	TR04xx	32.0	6.5	9.50	11.5	13.9	70.0	13.00
YHB*06SBT16-***-05	16	05	TR05xx	32.0	8.0	11.10	13.0	15.5	70.0	13.00
YHB*06SBT16-***-06	16	06	TR06xx	32.0	9.6	12.70	14.7	17.5	70.0	13.00
YHB*06SBT16-***-07	16	07	TR07xx	32.0	11.0	14.30	16.3	18.7	70.0	13.00
YHB*06SBT16-***-08	16	08	TR08xx	32.0	13.0	15.90	17.8	20.3	70.0	13.00
YHB*06SBT18-***-04	18	04	TR04xx	36.5	6.5	9.50	11.5	13.9	75.0	13.00
YHB*06SBT18-***-05	18	05	TR05xx	36.5	8.0	11.10	13.0	15.5	75.0	13.00
YHB*06SBT18-***-06	18	06	TR06xx	36.5	9.6	12.70	14.7	17.5	75.0	13.00
YHB*06SBT18-***-07	18	07	TR07xx	36.5	11.0	14.30	16.3	18.7	75.0	13.00
YHB*06SBT18-***-08	18	08	TR08xx	36.5	13.0	15.90	17.8	20.3	75.0	13.00
YHB*06SBT18-***-10	18	10	TR10xx	36.5	15.5	19.10	21.1	23.5	75.0	13.00
YHB*06SBT20-***-04	20	04	TR04xx	39.9	6.5	9.50	11.5	13.9	75.0	13.00
YHB*06SBT20-***-05	20	05	TR05xx	39.9	8.0	11.10	13.0	15.5	75.0	13.00
YHB*06SBT20-***-06	20	06	TR06xx	39.9	9.6	12.70	14.7	17.5	75.0	13.00
YHB*06SBT20-***-07	20	07	TR07xx	39.9	11.0	14.30	16.3	18.7	75.0	13.00
YHB*06SBT20-***-08	20	08	TR08xx	39.9	13.0	15.90	17.8	20.3	75.0	13.00
YHB*06SBT20-***-10	20	10	TR10xx	39.9	15.5	19.10	21.1	23.5	75.0	13.00
YHB*06SBT20-***-12	20	12	TR12xx	39.9	18.6	22.20	24.3	26.7	75.0	15.00
YHB*06SBT22-***-04	22	04	TR04xx	43.1	6.5	9.50	11.5	13.9	80.0	13.00
YHB*06SBT22-***-05	22	05	TR05xx	43.1	8.0	11.10	13.0	15.5	80.0	13.00
YHB*06SBT22-***-06	22	06	TR06xx	43.1	9.6	12.70	14.7	17.5	80.0	13.00
YHB*06SBT22-***-07	22	07	TR07xx	43.1	11.0	14.30	16.3	18.7	80.0	13.00
YHB*06SBT22-***-08	22	08	TR08xx	43.1	13.0	15.90	17.8	20.3	80.0	13.00
YHB*06SBT22-***-10	22	10	TR10xx	43.1	15.5	19.10	21.1	23.5	80.0	13.00
YHB*06SBT22-***-12	22	12	TR12xx	43.1	18.6	22.20	24.3	26.7	80.0	15.00
YHB*06SBT22-***-14	22	14	TR14xx	43.1	22.2	25.40	27.4	29.9	80.0	15.00
YHB*06SBT24-***-04	24	04	TR04xx	46.6	6.5	9.50	11.5	13.9	80.0	13.00
YHB*06SBT24-***-05	24	05	TR05xx	46.6	8.0	11.10	13.0	15.5	80.0	13.00
YHB*06SBT24-***-06	24	06	TR06xx	46.6	9.6	12.70	14.7	17.5	80.0	13.00
YHB*06SBT24-***-07	24	07	TR07xx	46.6	11.0	14.30	16.3	18.7	80.0	13.00
YHB*06SBT24-***-08	24	08	TR08xx	46.6	13.0	15.90	17.8	20.3	80.0	13.00
YHB*06SBT24-***-10	24	10	TR10xx	46.6	15.5	19.10	21.1	23.5	80.0	13.00
YHB*06SBT24-***-12	24	12	TR12xx	46.6	18.6	22.20	24.3	26.7	80.0	15.00
YHB*06SBT24-***-14	24	14	TR14xx	46.6	22.2	25.40	27.4	29.9	80.0	15.00
YHB*06SBT24-***-16	24	16	TR16xx	46.6	25.0	28.60	28.9	33.0	80.0	17.00
YHB*06SBT28-***-04	28	04	TR04xx	53.4	6.5	9.50	11.5	13.9	85.0	13.00
YHB*06SBT28-***-05	28	05	TR05xx	53.4	8.0	11.10	13.0	15.5	85.0	13.00
YHB*06SBT28-***-06	28	06	TR06xx	53.4	9.6	12.70	14.7	17.5	85.0	13.00
YHB*06SBT28-***-07	28	07	TR07xx	53.4	11.0	14.30	16.3	18.7	85.0	13.00
YHB*06SBT28-***-08	28	08	TR08xx	53.4	13.0	15.90	17.8	20.3	85.0	13.00
YHB*06SBT28-***-10	28	10	TR10xx	53.4	15.5	19.10	21.1	23.5	85.0	13.00
YHB*06SBT28-***-12	28	12	TR12xx	53.4	18.6	22.20	24.3	26.7	85.0	15.00
YHB*06SBT28-***-14	28	14	TR14xx	53.4	22.2	25.40	27.4	29.9	85.0	15.00
YHB*06SBT28-***-16	28	16	TR16xx	53.4	25.0	28.60	28.9	33.0	85.0	17.00
YHB*06SBT28-***-18	28	18	TR18xx	53.4	28.5	31.80	32.1	36.1	85.0	17.00

YHB Series(VG95234 Style)

Straight Plug, Shielded

YHB06SBT – No RFI grounding fingers

YHBG06SBT – Plug with RFI grounding fingers for terminating braided shield. Straight backshell with a swivel coupling nut and adapter suitable for use with heat shrink tubing or boot. The backshell includes a knurled extension for the shield termination via a tinell lock ring (not supplied). A wire sealing grommet is included.



UNITS : mm

Part No.	Shell Size	Cable Entry Size	Tinell Ring	D1 Max.	D2 +0.2 -0.0	D3	D4	D5	L1 Max.	L2 ±0.25
YHB*06SBT32-***-***-04	32	04	TR04xx	60.1	6.5	9.50	11.5	13.9	90.0	13.00
YHB*06SBT32-***-***-05	32	05	TR05xx	60.1	8.0	11.10	13.0	15.5	90.0	13.00
YHB*06SBT32-***-***-06	32	06	TR06xx	60.1	9.6	12.70	14.7	17.5	90.0	13.00
YHB*06SBT32-***-***-07	32	07	TR07xx	60.1	11.0	14.30	16.3	18.7	90.0	13.00
YHB*06SBT32-***-***-08	32	08	TR08xx	60.1	13.0	15.90	17.8	20.3	90.0	13.00
YHB*06SBT32-***-***-10	32	10	TR10xx	60.1	15.5	19.10	21.1	23.5	90.0	13.00
YHB*06SBT32-***-***-12	32	12	TR12xx	60.1	18.6	22.20	24.3	26.7	90.0	15.00
YHB*06SBT32-***-***-14	32	14	TR14xx	60.1	22.2	25.40	27.4	29.9	90.0	15.00
YHB*06SBT32-***-***-16	32	16	TR16xx	60.1	25.0	28.60	28.9	33.0	90.0	17.00
YHB*06SBT32-***-***-18	32	18	TR18xx	60.1	28.5	31.80	32.1	36.1	90.0	17.00
YHB*06SBT32-***-***-20	32	20	TR20xx	60.1	31.5	34.90	36.0	39.4	90.0	17.00
YHB*06SBT32-***-***-22	32	22	TR22xx	60.1	34.9	38.10	39.5	42.5	90.0	17.00
YHB*06SBT36-***-***-04	36	04	TR04xx	66.3	6.5	9.50	11.5	13.9	90.0	13.00
YHB*06SBT36-***-***-05	36	05	TR05xx	66.3	8.0	11.10	13.0	15.5	90.0	13.00
YHB*06SBT36-***-***-06	36	06	TR06xx	66.3	9.6	12.70	14.7	17.5	90.0	13.00
YHB*06SBT36-***-***-07	36	07	TR07xx	66.3	11.0	14.30	16.3	18.7	90.0	13.00
YHB*06SBT36-***-***-08	36	08	TR08xx	66.3	13.0	15.90	17.8	20.3	90.0	13.00
YHB*06SBT36-***-***-10	36	10	TR10xx	66.3	15.5	19.10	21.1	23.5	90.0	13.00
YHB*06SBT36-***-***-12	36	12	TR12xx	66.3	18.6	22.20	24.3	26.7	90.0	15.00
YHB*06SBT36-***-***-14	36	14	TR14xx	66.3	22.2	25.40	27.4	29.9	90.0	15.00
YHB*06SBT36-***-***-16	36	16	TR16xx	66.3	25.0	28.60	28.9	33.0	90.0	17.00
YHB*06SBT36-***-***-18	36	18	TR18xx	66.3	28.5	31.80	32.1	36.1	90.0	17.00
YHB*06SBT36-***-***-20	36	20	TR20xx	66.3	31.5	34.90	36.0	39.4	90.0	17.00
YHB*06SBT36-***-***-22	36	22	TR22xx	66.3	34.9	38.10	39.5	42.5	90.0	17.00
YHB*06SBT36-***-***-24	36	24	TR24xx	66.3	38.0	41.30	41.1	45.7	90.0	17.00

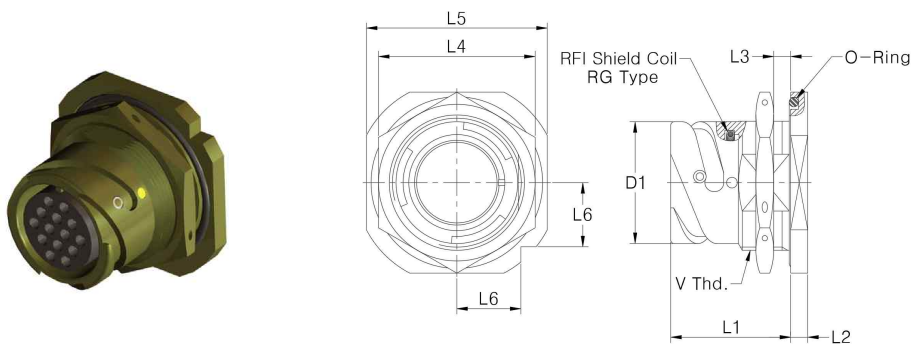
YHB Series(VG95234 Style)

JAM NUT RECEPTACLE

YHB07R – Receptacle single hole mount without rear accessories.

YHB07RG – RFI shield coil spring

YHB07 and Modifications, see page 5



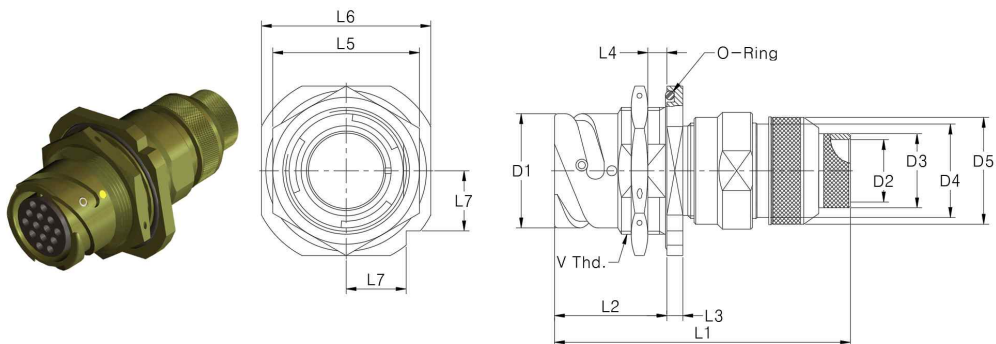
UNITS : mm

Part No.	D1	L1	L2	L3(Panel Thickness)		L4	L5	L6	V Thread. (Class : 2A)
	+0.00 -0.15			Min.	Max.				
YHB07**-16-**-***	27.40	32.1	4.8	2.4	7.5	38.1	44.40	15.7	1 1/4-18UNEF
YHB07**-20-**-***	34.20	33.7	4.8	2.4	9.0	44.0	50.80	18.0	1 1/2-18UNEF
YHB07**-22-**-***	37.40	33.7	4.8	2.4	9.1	46.0	54.20	20.2	1 5/8-18UNEF
YHB07**-24-**-***	40.90	33.7	4.8	2.4	9.1	50.8	57.20	20.2	1 3/4-18UNS
YHB07**-28-**-***	46.70	35.2	5.6	2.4	8.5	55.0	63.50	22.5	2-18UNS
YHB07**-32-**-***	53.40	35.2	5.6	2.4	6.5	62.0	69.80	24.7	2 1/4-16UN
YHB07**-36-**-***	59.60	35.2	5.6	2.4	8.3	71.0	76.20	26.9	2 1/2-16UN

JAM NUT RECEPTACLE

YHB070SBT – Jam nut receptacle for terminating braided shield.
Straight backshell with a swivel coupling nut and adapter suitable for use with heat shrink tubing or boot.
The backshell includes a knurled extension for the shield termination via a tincl lock ring (not included).

YHB070 and Modifications, see page 5



UNITS : mm

Part No.	D1	D2	D3 Ref.	D4	D5	L1 Ref.	L2	L3	L4		L5 ± 0.4	L6 ±0.25	L7	V Thread. (Class : 2A)	Tin el Ring
	+0.00 -0.15	+0.25 -0.00							(Panel Thickness)						
									Min.	Max.					
YHB070SBT-20-***-***	34.20	19.05	22.30	28.5	32.0	90.1	33.7	4.8	2.4	9.0	44.0	50.80	18.0	1 1/2-18UNEF	TR12
YHB070SBT-22-***-***	37.40	22.20	25.40	30.5	34.0	89.4	33.7	4.8	2.4	9.1	46.0	54.20	20.2	1 5/8-18UNEF	TR14
YHB070SBT-32-***-***	53.40	28.58	31.75	44.0	48.0	91.5	35.2	5.6	2.4	6.5	62.0	69.80	24.7	2 1/4-16UN	TR18

YHB Series(VG95234 Style)

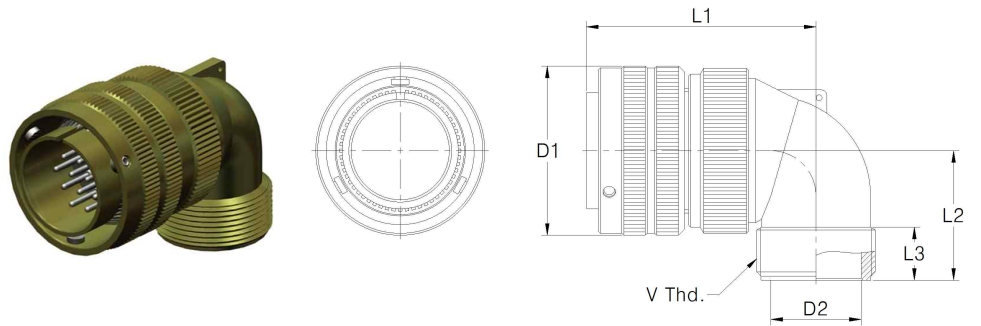
Plug 90° Shielded

VG95234 Style K(YHBG08R style)
VG95234 Style E1(YHB08R Style)

YHBG08R – RFI grounding fingers.

YHB08R – Right angle (90° elbow) plug.
R type has an individual wire sealing grommet

YHB08 and Modifications, see page 5
UNITS : mm

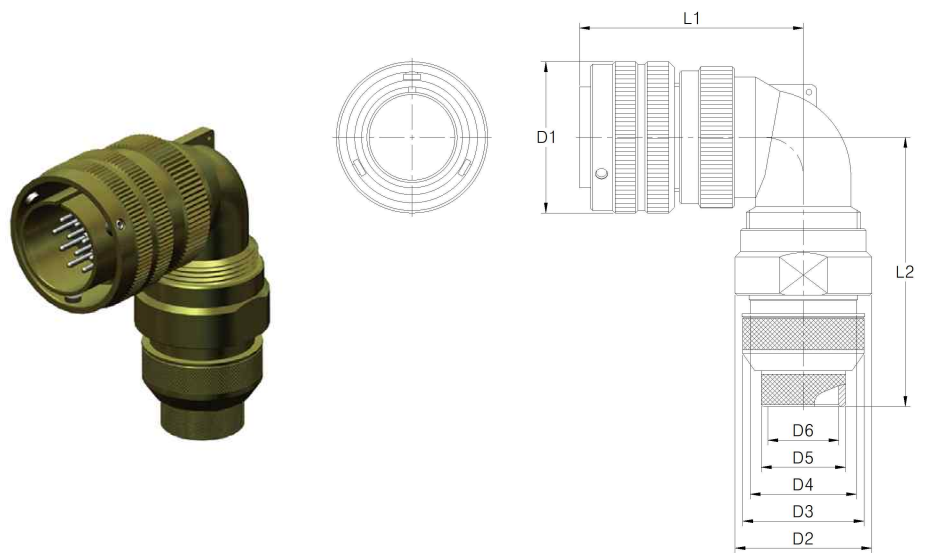


Part No.	D1 Max.	D2 +0.20 -0.10	L1 Max.	L2 Max.	L3 Min.	V Thread. (Class : 2A)
YHB*08** 10SL-**-***	22.8	10.50	45.0	30.0	9.4	5/8-24UNEF
YHB*08** 20-**-***	39.9	20.35	61.0	35.0	9.4	1 3/16-18UNEF
YHB*08** 22-**-***	43.1	23.00	61.0	35.0	9.4	1 3/16-18UNEF
YHB*08** 24-**-***	46.6	25.80	66.0	40.0	9.4	1 7/16-18UNEF
YHB*08** 28-**-***	53.4	28.70	66.0	40.0	9.4	1 7/16-18UNEF
YHB*08** 32-**-***	60.1	26.50	72.0	45.0	11.0	1 3/4-18UNS

Plug 90°

YHB08SBT – Plug for terminating braided shield. Right angle backshell with a swivel coupling nut and adapter suitable for use with heat shrink tubing or boot. The backshell includes a knurled extension for the shield termination via a tinel lock ring(not supplied). A wire sealing grommet is included.

YHB08 and Modifications, see page 5



UNITS : mm

Part No.	D1 Max.	D2 +0.5 -0.2	D3 +0.5 -0.0	D4	D5 Ref.	D6 ±0.2	L1 Ref.	L2 Ref.	Tinel Ring P/N
YHB08SBT-20-**-***	39.9	34.8	32.0	28.5	22.3	18.7	59.7	63.7	TR12
YHB08SBT-22-**-***	43.1	37.8	34.0	30.5	25.4	22.2	59.1	65.0	TR14
YHB08SBT-24-**-***	46.6	40.8	38.0	34.5	28.6	25.1	63.9	67.4	TR16
YHB08SBT-28-**-***	53.4	47.8	41.0	37.5	31.8	28.5	63.9	69.4	TR18
YHB08SBT-32-**-***	60.1	53.8	48.0	44.0	31.8	28.3	69.8	75.4	TR18

YHB Series(VG95234 Style)

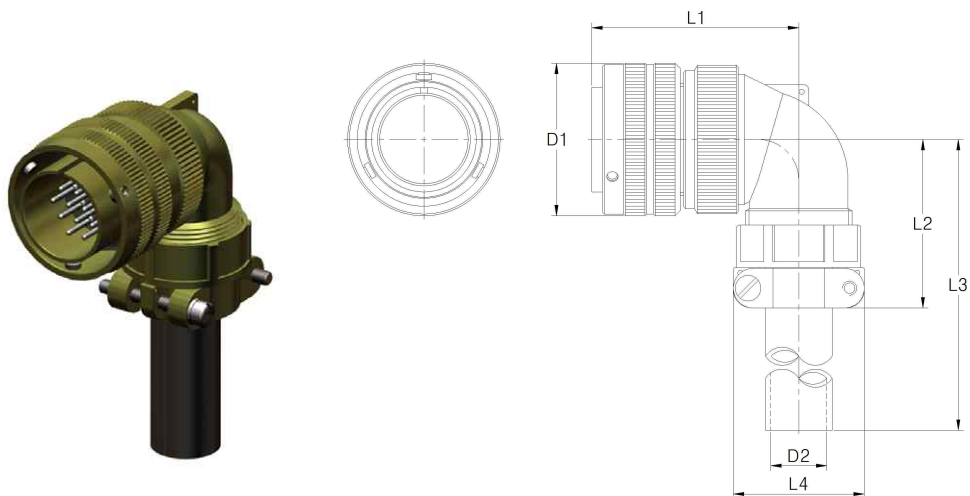
Plug 90°

VG95234 Style E

YHB08F – Right angle (90° elbow)
plug with an individual wire sealing
grommet and a cable clamp with
a bushing.

YHB08AF – No grommet

YHB08 and Modifications, see page 5



UNITS : mm

Part No.	D1 Max.	D2 Ref.	L1 Max.	L2 Max.	L3 Ref.	L4 Max.
YHB08**-10SL-**-***	22.8	5.58	45.0	42.0	100.0	22.7
YHB08**-20-**-***	39.9	15.87	61.0	53.0	100.0	37.5
YHB08**-22-**-***	43.1	15.87	61.0	53.0	100.0	37.5
YHB08**-24-**-***	46.6	19.05	66.0	58.0	100.0	43.3
YHB08**-28-**-***	53.4	19.05	66.0	58.0	100.0	43.3
YHB08**-32-**-***	60.1	23.79	72.0	66.0	100.0	51.7
YHB08**-36-**-***	66.3	31.75	75.0	69.0	110.0	58.0

VG/YH-B, YHB Series Contact

Pin Contacts(AWG, Metric)

Contacts

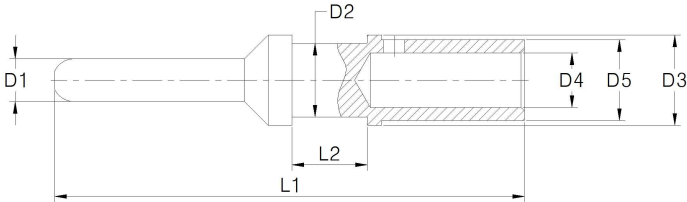
Standard contacts and contacts with reduced termination diameter.

Pin contacts

Finish

Bank – 5 μm silver plated

A176 – 2 μm nickel plated,
min. 0,5 μm gold plated



UNITS : mm

Contact Size		VG95234 Part No.	Wire Size		D1 +0.00 −0.05	D2	D3	D4	D5	L1 ±0.2	L2 ±0.10
Metric	AWG		Metric mm²	AWG							
15S	16S	VG95234P15S	0.75–1.50	18/16	1.60	1.75 ^{+0.00} _{−0.10}	3.2 ^{+0.0} _{−0.1}	1.75 ^{+0.08} _{−0.00}	2.75 ^{+0.00} _{−0.05}	27.4	3.85
			0.30–0.60	22/20	1.60	1.75 ^{+0.00} _{−0.10}	3.2 ^{+0.0} _{−0.1}	1.2 ^{+0.1} _{−0.0}	2.75 ^{+0.00} _{−0.05}	27.4	3.85
			0.14–0.38	22/26	1.60	1.75 ^{+0.00} _{−0.10}	3.2 ^{+0.0} _{−0.1}	0.90 ^{+0.05} _{−0.00}	2.75 ^{+0.00} _{−0.05}	27.4	3.85
15	16	VG95234P15	0.75–1.50	18/16	1.60	1.75 ^{+0.00} _{−0.10}	3.2 ^{+0.0} _{−0.1}	1.75 ^{+0.08} _{−0.00}	2.75 ^{+0.00} _{−0.05}	31.4	7.90
			0.30–0.60	22/20	1.60	1.75 ^{+0.00} _{−0.10}	3.2 ^{+0.0} _{−0.1}	1.2 ^{+0.1} _{−0.0}	2.75 ^{+0.00} _{−0.05}	31.4	7.90
			0.14–0.38	22/26	1.60	1.75 ^{+0.00} _{−0.10}	3.2 ^{+0.0} _{−0.1}	0.90 ^{+0.05} _{−0.00}	2.75 ^{+0.00} _{−0.05}	31.4	7.90
25	12	VG95234P25	2.00–3.00	14/12	2.40	3.30 ^{+0.00} _{−0.15}	4.8 ^{+0.0} _{−0.1}	2.5 ^{+0.1} _{−0.0}	3.8 ^{+0.0} _{−0.1}	37.0	7.90
			0.75–1.50	18/16	2.40	3.30 ^{+0.00} _{−0.15}	4.8 ^{+0.0} _{−0.1}	1.75 ^{+0.08} _{−0.00}	3.8 ^{+0.0} _{−0.1}	37.0	7.90
			4.00	–	2.40	3.30 ^{+0.00} _{−0.15}	4.8 ^{+0.0} _{−0.1}	2.8 ^{+0.1} _{−0.0}	3.8 ^{+0.0} _{−0.1}	37.0	7.90
60	8	VG95234P60	–	8	3.60	6.25 ^{+0.00} _{−0.15}	7.6 ^{+0.0} _{−0.2}	4.55 ^{+0.10} _{−0.00}	6.8 ^{+0.0} _{−0.1}	39.6	6.35
			6.00	10	3.60	6.25 ^{+0.00} _{−0.15}	7.6 ^{+0.0} _{−0.2}	3.5 ^{+0.1} _{−0.0}	6.8 ^{+0.0} _{−0.1}	39.6	6.35
			10.00	–	3.60	6.25 ^{+0.00} _{−0.15}	7.6 ^{+0.0} _{−0.2}	4.8 ^{+0.1} _{−0.0}	6.8 ^{+0.0} _{−0.1}	39.6	6.35
100		VG95234P100	2.00–3.00	14/12	3.60	6.25 ^{+0.00} _{−0.15}	7.6 ^{+0.0} _{−0.2}	2.50 ^{+0.05} _{−0.00}	6.8 ^{+0.0} _{−0.1}	39.6	6.35
			4.00	–	3.60	6.25 ^{+0.00} _{−0.15}	7.6 ^{+0.0} _{−0.2}	2.8 ^{+0.1} _{−0.0}	6.8 ^{+0.0} _{−0.1}	39.6	6.35
			–	4	5.75	9.55 ^{+0.00} _{−0.15}	11.2 ^{+0.0} _{−0.2}	7.10 ^{+0.15} _{−0.00}	9.55 ^{+0.00} _{−0.10}	39.6	6.35
160	4	VG95234P160	–	4	5.75	9.55 ^{+0.00} _{−0.15}	11.2 ^{+0.0} _{−0.2}	6.20 ^{+0.15} _{−0.00}	9.55 ^{+0.00} _{−0.10}	39.6	6.35
			16.00	–	5.75	9.55 ^{+0.00} _{−0.15}	11.2 ^{+0.0} _{−0.2}	4.8 ^{+0.1} _{−0.0}	9.55 ^{+0.00} _{−0.10}	39.6	6.35
			10.00	–	5.75	9.55 ^{+0.00} _{−0.15}	11.2 ^{+0.0} _{−0.2}	5.7 ^{+0.1} _{−0.0}	9.55 ^{+0.00} _{−0.10}	39.6	6.35
500	0	VG95234P500	–	0	9.10	13.55 ^{+0.00} _{−0.15}	15.15 ^{+0.00} _{−0.20}	11.50 ^{+0.15} _{−0.00}	14.35 ^{+0.00} _{−0.10}	41.0	6.35
			50.00	–	9.10	13.55 ^{+0.00} _{−0.15}	15.15 ^{+0.00} _{−0.20}	10.70 ^{+0.15} _{−0.00}	14.35 ^{+0.00} _{−0.10}	41.0	6.35
			25.00	4	9.10	13.55 ^{+0.00} _{−0.15}	15.15 ^{+0.00} _{−0.20}	7.60 ^{+0.15} _{−0.00}	14.35 ^{+0.00} _{−0.10}	41.0	6.35
			35.00	2	9.10	13.55 ^{+0.00} _{−0.15}	15.15 ^{+0.00} _{−0.20}	9.10 ^{+0.15} _{−0.00}	14.35 ^{+0.00} _{−0.10}	41.0	6.35
			16.00	–	9.10	13.55 ^{+0.00} _{−0.15}	15.15 ^{+0.00} _{−0.20}	6.20 ^{+0.15} _{−0.00}	14.35 ^{+0.00} _{−0.10}	41.0	6.35

VG/YH-B, YHB Series Contact

Socket Contacts(AWG, Metric)

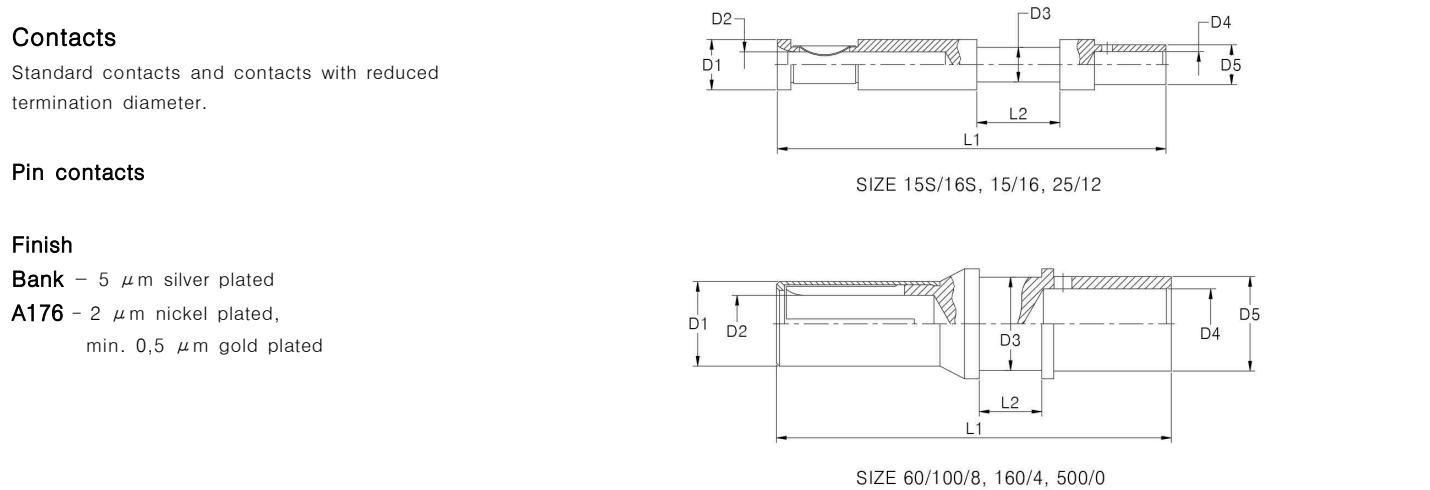
Contacts

Standard contacts and contacts with reduced termination diameter.

Pin contacts

Finish

- Bank – 5 μm silver plated
- A176 – 2 μm nickel plated,
min. 0,5 μm gold plated



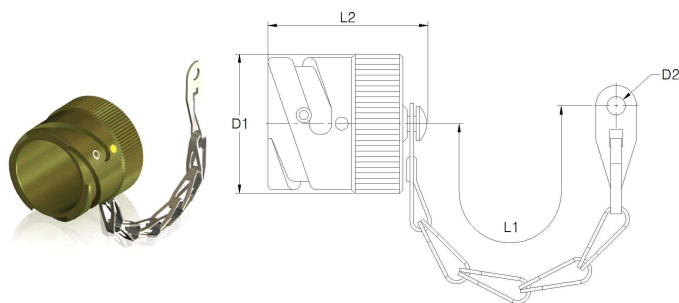
UNITS : mm

Contact Size		VG95234 Part No.	Wire Size		D1	D2 +0.05 -0.00	D3	D4	D5	L1 ±0.2	L2 ±0.10
Metric	AWG		Metric mm²	AWG							
15S	16S	VG95234S15S	0.75-1.50	18/16	3.20 ^{+0.00} _{-0.15}	1.65	1.75 ^{+0.00} _{-0.10}	1.75 ^{+0.08} _{-0.00}	2.75 ^{+0.00} _{-0.05}	29.1	3.90
			0.30-0.60	22/20	3.20 ^{+0.00} _{-0.15}	1.65	1.75 ^{+0.00} _{-0.10}	1.2 ^{+0.1} _{-0.0}	2.75 ^{+0.00} _{-0.05}	29.1	3.90
			0.14-0.38	22/26	3.20 ^{+0.00} _{-0.15}	1.65	1.75 ^{+0.00} _{-0.10}	0.90 ^{+0.05} _{-0.00}	2.75 ^{+0.00} _{-0.05}	29.1	3.90
15	16	VG95234S15	0.75-1.50	18/16	3.20 ^{+0.00} _{-0.15}	1.65	1.75 ^{+0.00} _{-0.10}	1.75 ^{+0.08} _{-0.00}	2.75 ^{+0.00} _{-0.05}	37.8	7.90
			0.30-0.60	22/20	3.20 ^{+0.00} _{-0.15}	1.65	1.75 ^{+0.00} _{-0.10}	1.2 ^{+0.1} _{-0.0}	2.75 ^{+0.00} _{-0.05}	37.8	7.90
			0.14-0.38	22/26	3.20 ^{+0.00} _{-0.15}	1.65	1.75 ^{+0.00} _{-0.10}	0.90 ^{+0.05} _{-0.00}	2.75 ^{+0.00} _{-0.05}	37.8	7.90
25	12	VG95234S25	2.00-3.00	14/12	4.8 ^{+0.0} _{-0.1}	2.45	3.3 ^{+0.0} _{-0.1}	2.5 ^{+0.1} _{-0.0}	3.8 ^{+0.0} _{-0.1}	37.0	7.90
			0.75-1.50	18/16	4.8 ^{+0.0} _{-0.1}	2.45	3.3 ^{+0.0} _{-0.1}	1.75 ^{+0.08} _{-0.00}	3.8 ^{+0.0} _{-0.1}	37.0	7.90
			4.00	-	4.8 ^{+0.0} _{-0.1}	2.45	3.3 ^{+0.0} _{-0.1}	2.8 ^{+0.1} _{-0.0}	3.8 ^{+0.0} _{-0.1}	37.0	7.90
60	8	VG95234S60	-	8	6.5 ^{+0.0} _{-0.2}	3.65	6.25 ^{+0.00} _{-0.20}	4.55 ^{+0.10} _{-0.00}	6.8 ^{+0.0} _{-0.1}	40.1	6.35
			6.00	10	6.5 ^{+0.0} _{-0.2}	3.65	6.25 ^{+0.00} _{-0.20}	3.5 ^{+0.1} _{-0.0}	6.8 ^{+0.0} _{-0.1}	40.1	6.35
			10.00	-	6.5 ^{+0.0} _{-0.2}	3.65	6.25 ^{+0.00} _{-0.20}	4.8 ^{+0.1} _{-0.0}	6.8 ^{+0.0} _{-0.1}	40.1	6.35
100		VG95234S100	2.00-3.00	14/12	6.5 ^{+0.0} _{-0.2}	3.65	6.25 ^{+0.00} _{-0.20}	2.50 ^{+0.05} _{-0.00}	6.8 ^{+0.0} _{-0.1}	40.1	6.35
			-	4	8.6 ^{+0.0} _{-0.2}	5.80	9.55 ^{+0.00} _{-0.20}	7.10 ^{+0.15} _{-0.00}	9.55 ^{+0.00} _{-0.10}	40.1	6.35
			16.00	-	8.6 ^{+0.0} _{-0.2}	5.80	9.55 ^{+0.00} _{-0.20}	6.20 ^{+0.15} _{-0.00}	9.55 ^{+0.00} _{-0.10}	40.1	6.35
160	4	VG95234S160	10.00	-	8.6 ^{+0.0} _{-0.2}	5.80	9.55 ^{+0.00} _{-0.20}	4.8 ^{+0.1} _{-0.0}	9.55 ^{+0.00} _{-0.10}	40.1	6.35
			-	6	8.6 ^{+0.0} _{-0.2}	5.80	9.55 ^{+0.00} _{-0.20}	5.7 ^{+0.1} _{-0.0}	9.55 ^{+0.00} _{-0.10}	40.1	6.35
			-	0	13.2 ^{+0.0} _{-0.2}	9.15	13.55 ^{+0.00} _{-0.20}	11.50 ^{+0.15} _{-0.00}	14.35 ^{+0.00} _{-0.10}	41.6	6.35
500	0	VG95234S500	50.00	-	13.2 ^{+0.0} _{-0.2}	9.15	13.55 ^{+0.00} _{-0.20}	10.70 ^{+0.15} _{-0.00}	14.35 ^{+0.00} _{-0.10}	41.6	6.35
			25.00	4	13.2 ^{+0.0} _{-0.2}	9.15	13.55 ^{+0.00} _{-0.20}	7.60 ^{+0.15} _{-0.00}	14.35 ^{+0.00} _{-0.10}	41.6	6.35
			35.00	2	13.2 ^{+0.0} _{-0.2}	9.15	13.55 ^{+0.00} _{-0.20}	9.10 ^{+0.15} _{-0.00}	14.35 ^{+0.00} _{-0.10}	41.6	6.35
			16.00	-	13.2 ^{+0.0} _{-0.2}	9.15	13.55 ^{+0.00} _{-0.20}	6.20 ^{+0.15} _{-0.00}	14.35 ^{+0.00} _{-0.10}	41.6	6.35

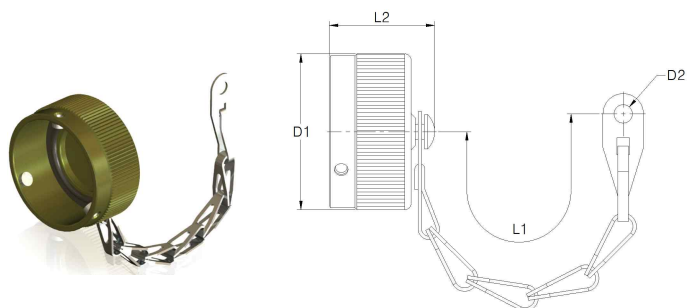
Accessories

Metal Protecting Caps With Chain

VG95234KB Style



VG95234KR Style



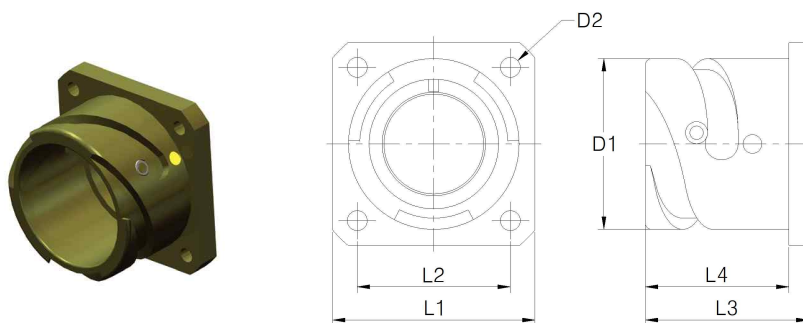
UNITS : mm

VG95234 Part No.	YEONHAB Part No.	D1 Max.	D2 +0.5 -0.2	L1 Min.	L2 Max.	VG95234 Part No.	YEONHAB Part No.	D1 Max.	D2 +0.5 -0.2	L1 Min.	L2 Max.
VG95234KB10SL	YH95234KB10SL	21.0	4.3	90.0	29.0	VG95234KR10SL	YH95234KR10SL	23.5	4.3	90.0	20.0
VG95234KB14S	YH95234KB14S	27.5	4.3	100.0	29.0	VG95234KR14S	YH95234KR14S	30.5	4.3	90.0	20.0
VG95234KB16S	YH95234KB16S	30.0	4.3	100.0	29.0	VG95234KR16S	YH95234KR16S	33.0	4.3	90.0	20.0
VG95234KB16	YH95234KB16	30.0	4.3	115.0	37.0	VG95234KR16	YH95234KR16	33.0	4.3	100.0	25.0
VG95234KB18	YH95234KB18	33.5	4.3	115.0	37.0	VG95234KR18	YH95234KR18	37.5	4.3	100.0	25.0
VG95234KB20	YH95234KB20	37.0	4.7	130.0	37.0	VG95234KR20	YH95234KR20	41.0	4.3	115.0	25.0
VG95234KB22	YH95234KB22	40.0	4.7	130.0	37.0	VG95234KR22	YH95234KR22	44.0	4.3	115.0	25.0
VG95234KB24	YH95234KB24	43.5	4.7	130.0	37.0	VG95234KR24	YH95234KR24	47.5	4.3	115.0	25.0
VG95234KB28	YH95234KB28	49.5	4.7	190.0	37.0	VG95234KR28	YH95234KR28	54.5	5.5	160.0	25.0
VG95234KB32	YH95234KB32	56.0	5.5	190.0	37.0	VG95234KR32	YH95234KR32	61.0	5.5	160.0	25.0
VG95234KB36	YH95234KB36	62.5	5.5	190.0	37.0	VG95234KR36	YH95234KR36	67.5	5.5	160.0	25.0

Dummy Receptacle

VG95234 Style B0D (Flange with through holes)
YH3105-B

Front panel mounting (rear side open)



UNITS : mm

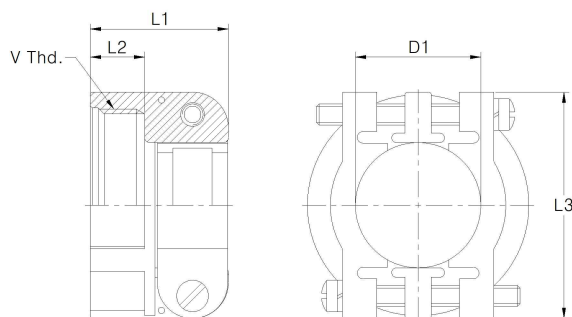
Size	VG95234 Part No.	YEONHAB Part No.	D1 +0.00 -0.15	D2 ±0.2	L1 ±0.3	L2 ±0.1	L3 Max.	L4 +0.3 -0.0
10SL	VG95234B0D10SL	YH3105E10SL-B	18.20	3.2	25.4	18.2	17.5	14.2
14S	VG95234B0D14S	YH3105E14S-B	24.60	3.2	30.0	23.0	18.0	14.2
16S	VG95234B0D16S	YH3105E16S-B	27.40	3.2	32.5	24.6	18.0	14.2
16	VG95234B0D16	YH3105E16-B	27.40	3.2	32.5	24.6	23.5	19.0
18	VG95234B0D18	YH3105E18-B	30.80	3.2	35.0	27.0	23.5	19.0
20	VG95234B0D20	YH3105E20-B	34.20	3.2	38.0	29.4	23.5	19.0
22	VG95234B0D22	YH3105E22-B	37.40	3.2	41.0	31.8	23.5	19.0
24	VG95234B0D24	YH3105E24-B	40.90	3.7	44.5	34.9	25.5	20.6
28	VG95234B0D28	YH3105E28-B	46.70	3.7	50.8	39.7	25.5	20.6
32	VG95234B0D32	YH3105E32-B	53.40	4.3	57.0	44.5	27.0	22.2
36	VG95234B0D36	YH3105E36-B	59.60	4.3	63.5	49.2	27.0	22.2

Accessories

Cable Clamps

VG95234 Style KK

without telescoping bushing

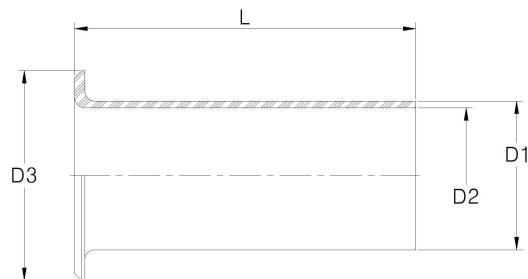


UNITS : mm

Shell Size	VG95234 Part No.	YEONHAB Part No.	D1 Max.	L1 Max.	L2 Max.	L3 Max.	V Thread. (Class : 2B)
10SL	VG95234KK4	YH3057-4A	7.9	20.8	10.5	22.5	5/8-24UNEF
14S	VG95234KK6	YH3057-6A	11.1	22.4	10.5	27.4	3/4-20UNEF
16S & 16	VG95234KK8	YH3057-8A	14.2	24.0	10.5	29.8	7/8-20UNEF
18	VG95234KK12	YH3057-10A	15.8	24.0	10.5	32.2	1-20UNEF
20 & 22	VG95234KK12	YH3057-12A	19.0	24.0	10.5	37.4	1 3/16-18UNEF
24 & 28	VG95234KK16	YH3057-16A	23.7	26.4	10.5	43.5	1 7/16-18UNEF
32	VG95234KK20	YH3057-20A	31.8	28.0	12.0	51.7	1 3/4-18UNS
36	VG95234KK24	YH3057-24A	34.6	29.6	13.7	57.8	2-18UNS

Telescoping Bushings

Telescoping bushing (used with YH3057 resp. VG95234KK cable clamp) keep dirt, oil and dust out of endbell. Taping or wrapping wires is eliminated since bushing protects wires guided through clamp. Combinations of two bushings may be used to decrease inner diameter for improved sealing.



Material: Polychloroprene

UNITS : mm

Shell size	YEONHAB Part No.	D1	D2	D3	L	Shell size	VG95234KT Part No.	D1	D2	D3	L
10SL, 12S	YH3420-4	7.7	5.58	12.8	69.8	10SL	VG95234KT10SL	8.0	6.6	9.9	70.0
14S	YH3420-6	10.8	7.92	15.7	66.8	14S	VG95234KT14S	10.9	9.1	12.7	67.0
16S, 16	YH3420-8	14.0	11.09	18.8	63.5	14S, 16	VG95234KT16	14.0	11.1	19.0	64.0
18	YH3420-10	15.6	14.27	22.6	60.3	18	VG95243KT18	15.7	14.3	22.0	60.0
20,22	YH3420-12	18.8	15.87	27.5	57.1	20, 22	VG95234KT20	18.8	15.9	26.9	57.0
24,28	YH3420-16	23.5	19.05	33.3	53.9	24	VG95234KT24	21.2	16.6	26.9	57.0
32	YH3420-20	31.5	23.79	40.5	50.8	28	VG95234KT28	23.6	21.5	33.3	54.0
36	YH3420-24	34.7	31.75	46.9	47.6	32	VG95234KT32	26.5	21.5	33.3	54.0
						36	VG95234KT32	31.5	26.8	40.4	51.0

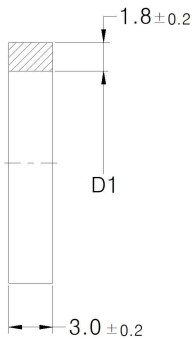
Accessories

Sealing Rings

for use on the barrel of the plug

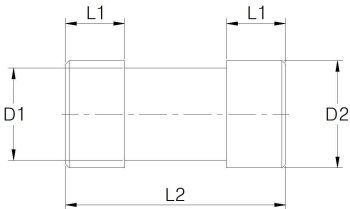
UNITS : mm

Shell Size	D1
10SL	9.0
14S	14.0
16S	17.0
16	17.0
18	19.5
20	22.5
22	25.4
24	28.5
28	34.0
32	40.0
36	45.0



Wire Hole Fillers

Where contacts are not used, the contact cavities are to be closed by wire holes fillers.



Size	VG95234 Part No.	YEONHAB Part No.	Contact size		D1 ±0.1	D2 ±0.2	L1 ±0.1	L2 ±0.3	Color
			Metric	AWG					
20	VG95234B20	YH95234B20	10	—	2.3	3.0	2.4	9.7	Red
16S	VG95234B16S	YH95234B16S	15S	16S	2.8	3.7	1.5	4.8	Nature
16	VG95234B16	YH95234B16	15S/15	16S/16	2.8	3.7	3.2	11.9	Blue
12	VG95234B12	YH95234B12	25/25A	12	3.7	4.6	3.2	11.9	Yellow
8	VG95234B08	YH95234B08	60/100	8	5.0	5.8	3.2	11.9	White
4	VG95234B04	YH95234B04	160	4	7.6	8.5	3.2	11.9	Green
0	VG95234B00	YH95234B00	500	0	12.8	13.5	3.2	11.9	Black

