

MIL-DTL-83513 CONNECTOR

QPL certification

Micro-D subminiature connector



Introduction

Overview

Technical Data

Connector Information

QPL certification

MIL-DTL-83513 Connector

1. Solder Cup Type, Metal Shell

- ⊙ (QPL) MIL-DTL-83513/01
- ⊙ (QPL) MIL-DTL-83513/02



2. Pre-Wired Type, Metal Shell

- ⊙ (QPL) MIL-DTL-83513/03
- ⊙ (QPL) MIL-DTL-83513/04



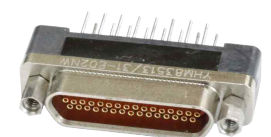
3. Right Angle PCB Type

- ⊙ (QPL) MIL-DTL-83513/10
- ⊙ (QPL) MIL-DTL-83513/11
- ⊙ (QPL) MIL-DTL-83513/13
- ⊙ (QPL) MIL-DTL-83513/14



4. Straight PCB Type

- ⊙ (QPL) MIL-DTL-83513/28
- ⊙ (QPL) MIL-DTL-83513/29
- ⊙ (QPL) MIL-DTL-83513/31
- ⊙ (QPL) MIL-DTL-83513/32



1. Overview

Summary

MIL-DTL-83513 Connector is the miniature connector with high-density contacts. This connector is made based on our accumulated technology.

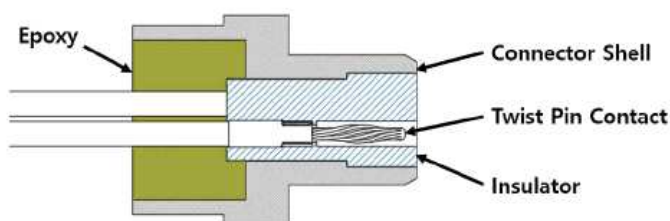
There are various types of connector. Choose Solder Cup, Pre-Wired or PCB type. Connectors use Twist Pin Contacts for high performance. This connector is a product that satisfies the military standard and satisfies the electrical, mechanical and environmental requirements. MIL-DTL-83513 Connector has been approved by DLA for QPL certification.

Twist Pin

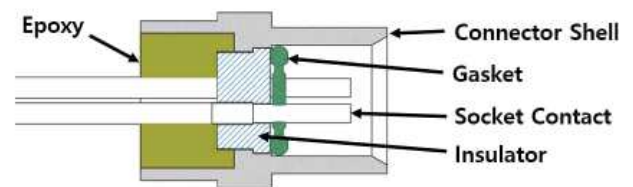
The Twist Pin contact is made with a bundle of beryllium copper wires welded at the tip to form a semispherical radius and "bulged" to create a spring.

TwistPin Contact System provides a superior wire attachment which translates to lower contact resistance and maintain this performance even under extreme conditions of vibration, shock and high heat.

Each strand makes contact with the socket, assuring low resistance, plenty of contact wipe, and excellent shock and vibration performance.



[Pin Connector]



[Socket Connector]

2. Technical Data

Performance Specification

Characteristic	Specification
Current Rating	3 A Max.
Dielectric Withstanding Voltage	AC 600 V @Sea Level, AC 150 V @ 70 000 ft
Insulation Resistance	5 000 MΩ Min. @ 500 V(DC)
Contact Resistance	Voltage drop 65 mV Max. (SAE AS22759/11) Voltage drop 75 mV Max. (SAE AS22759/33)
Magnetic Permeability	2 μ Max.
Operating Temperature	-55 °C to + 125 °C
Shock	50 g.
Vibration	Sine 20 g.
Mating Force	(10 ounce Max.) X (# Of Contacts)
Durability	500 Mating Cycles Min.
Salt spray (Corrosion)	5 % NaCl, 48 h
Contact engagement forces	6.0 ounce Max.
Contact separation forces	0.5 ounce Min.
Wire	AWG 26 or smaller wire
Outgassing	ASTM E595 (1.0 % max TML & 0.1 % max VCM of original mass)

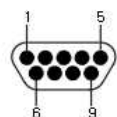
Materials & Finish

Component	Material & Finish
Connector Shell	Aluminum alloy Shell Finish "C" : Cadmium plated in accordance with SAE-AMS-QQ-P-416, type II, class 3 Shell Finish "N" (space applications only) : Electroless nickel in accordance with SAE AMS2404, class 3 or 4, .0005 inch minimum thickness or ASTM B733, class 3or4, service code SC2
Insulator	Liquid crystal polymer, 30% glass-filled
Terminal Block, PCB	Liquid crystal polymer, 30% glass-filled
Interfacial Seal	Fluorosilicone rubber
Contact (Pin, Socket)	Alloy copper Contact Finish : Gold plated in accordance with ASTM B 488 Type II Class 1.27, over nickel underplate in accordance with SAE AMS-QQ-N-290, class 2
Hardware	Stainless steel Hardware Finish : Passivated

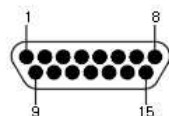
3. Connector Information

MIL-DTL-83513 contact arrangements (face view plug & receptacle connector)

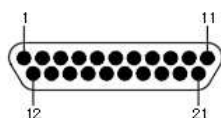
[Face view plug]



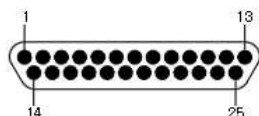
A - 9 Contacts



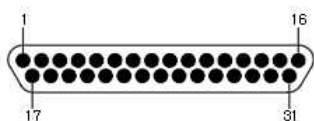
B - 15 Contacts



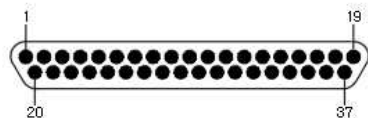
C - 21 Contacts



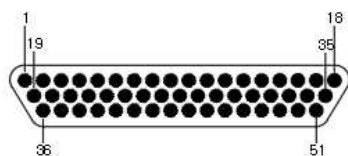
D - 25 Contacts



E - 31 Contacts

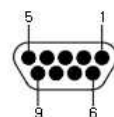


F - 37 Contacts

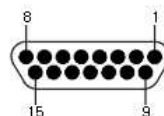


G - 51 Contacts

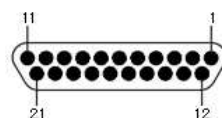
[Face view receptacle]



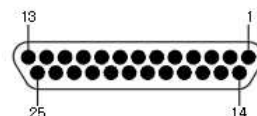
A - 9 Contacts



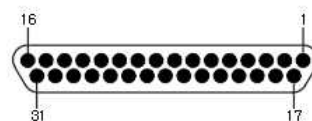
B - 15 Contacts



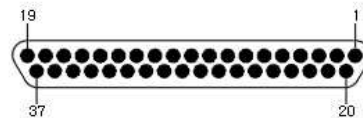
C - 21 Contacts



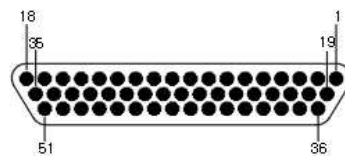
D - 25 Contacts



E - 31 Contacts



F - 37 Contacts



G - 51 Contacts

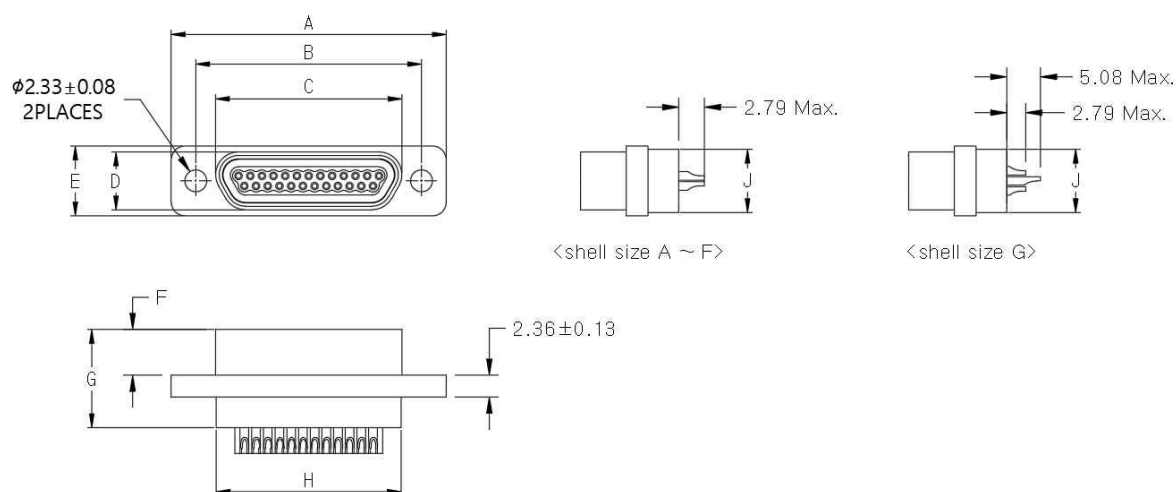
3. Connector Information

MIL-DTL-83513/01 & 02 (QPL)



Solder Cup Type Connectors

Feature gold-plated contacts for solder termination to AWG 26 or smaller wire.



	A Max.		B		C Max.		D Max.		E Max.		F		G Max.		H Max.		J Max.	
	In.	mm.	± .003 In.	± 0.08 mm.	In.	mm.	In.	mm.	In.	mm.	± .003 In.	± 0.08 mm.	In.	mm.	In.	mm.	In.	mm.
9P	0.785	19.94	0.565	14.35	0.333	8.46	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.4	10.16	0.27	6.86
9S	0.785	19.94	0.565	14.35	0.4	10.16	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.4	10.16	0.27	6.86
15P	0.935	23.75	0.715	18.16	0.483	12.27	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.55	13.97	0.27	6.86
15S	0.935	23.75	0.715	18.16	0.551	14	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.55	13.97	0.27	6.86
21P	1.085	27.56	0.865	21.97	0.633	16.08	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.7	17.78	0.27	6.86
21S	1.085	27.56	0.865	21.97	0.701	17.81	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.7	17.78	0.27	6.86
25P	1.185	30.01	0.965	24.51	0.733	18.62	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.8	20.32	0.27	6.86
25S	1.185	30.01	0.965	24.51	0.801	20.35	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.8	20.32	0.27	6.86
31P	1.335	33.91	1.115	28.32	0.883	22.43	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.95	24.13	0.27	6.86
31S	1.335	33.91	1.115	28.32	0.951	24.16	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.95	24.13	0.27	6.86
37P	1.485	37.72	1.265	32.13	1.033	26.24	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	1.1	27.94	0.27	6.86
37S	1.485	37.72	1.265	32.13	1.101	27.96	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	1.1	27.94	0.27	6.86
51P	1.435	36.45	1.215	30.86	0.983	24.97	0.228	5.79	0.351	8.92	0.183	4.65	0.416	10.57	1.05	26.67	0.31	7.87
51S	1.435	36.45	1.215	30.86	1.051	26.7	0.296	7.52	0.351	8.92	0.195	4.95	0.429	10.9	1.05	26.67	0.31	7.87

3 Connector Information

MIL-DTL-83513/01 & 02 (QPL)

Part number	M83513	/ 01	- D	N
Base Part Number	M83513 (QPL) (Shell Size : A to G) YHM83513 (Shell Size : A to G)			
Slash Number	/01 – Solder Cup Connector(Plug, Pin) /02 – Solder Cup Connector (Receptacle, Socket)			
Shell Size (contact arrangements)	A – 9, B – 15, C – 21, D – 25, E – 31, F – 37, G – 51			
Shell Finish	C – Cadmium N – Electroless Nickel			

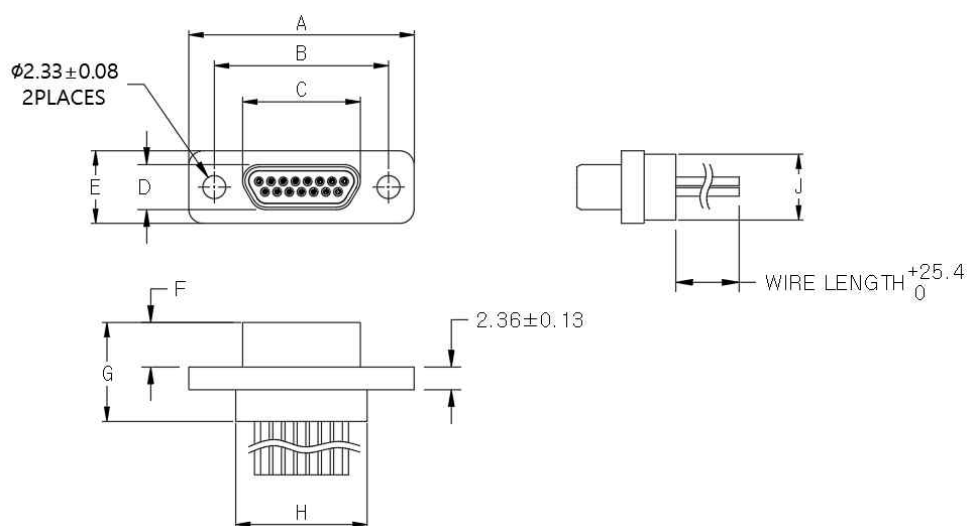
3. Connector Information

MIL-DTL-83513/03 & 04 (QPL)



Pre-Wired Type Connectors

Feature wires crimped onto gold-plated contacts, and the wires used are M22759/11, M22759/33.



	A Max.		B		C Max.		D Max.		E Max.		F		G Max.		H Max.		J Max.	
	In.	mm.	± .003 In.	± 0.08 mm.	In.	mm.	In.	mm.	In.	mm.	± .003 In.	± 0.08 mm.	In.	mm.	In.	mm.	In.	mm.
9P	0.785	19.94	0.565	14.35	0.333	8.46	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.4	10.16	0.27	6.86
9S	0.785	19.94	0.565	14.35	0.4	10.16	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.4	10.16	0.27	6.86
15P	0.935	23.75	0.715	18.16	0.483	12.27	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.55	13.97	0.27	6.86
15S	0.935	23.75	0.715	18.16	0.551	14	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.55	13.97	0.27	6.86
21P	1.085	27.56	0.865	21.97	0.633	16.08	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.7	17.78	0.27	6.86
21S	1.085	27.56	0.865	21.97	0.701	17.81	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.7	17.78	0.27	6.86
25P	1.185	30.01	0.965	24.51	0.733	18.62	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.8	20.32	0.27	6.86
25S	1.185	30.01	0.965	24.51	0.801	20.35	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.8	20.32	0.27	6.86
31P	1.335	33.91	1.115	28.32	0.883	22.43	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	0.95	24.13	0.27	6.86
31S	1.335	33.91	1.115	28.32	0.951	24.16	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	0.95	24.13	0.27	6.86
37P	1.485	37.72	1.265	32.13	1.033	26.24	0.184	4.67	0.31	7.87	0.183	4.65	0.416	10.57	1.1	27.94	0.27	6.86
37S	1.485	37.72	1.265	32.13	1.101	27.96	0.25	6.35	0.31	7.87	0.195	4.95	0.429	10.9	1.1	27.94	0.27	6.86
51P	1.435	36.45	1.215	30.86	0.983	24.97	0.228	5.79	0.351	8.92	0.183	4.65	0.416	10.57	1.05	26.67	0.31	7.87
51S	1.435	36.45	1.215	30.86	1.051	26.7	0.296	7.52	0.351	8.92	0.195	4.95	0.429	10.9	1.05	26.67	0.31	7.87

3. Connector Information

MIL-DTL-83513/03 & 04 (QPL)

Part number	M83513	/ 03	- B	01	N
Base Part Number	M83513 (QPL) (Shell Size : A to G) YHM83513 (Shell Size : A to G)				
Slash Number	/03 – Pre-Wired Connector (Plug, Pin) /04 – Pre-Wired Connector (Receptacle, Socket)				
Shell Size (contact arrangements)	A – 9, B – 15, C – 21, D – 25, E – 31, F – 37, G – 51				
Wire Type	01 - 18 Inches (457mm), White, M22759/11-26-9 02 - 36 Inches (914mm), White, M22759/11-26-9 03 - 18 Inches (457mm), 10 Color Repeating, M22759/11-26-() 04 - 36 Inches (914mm), 10 Color Repeating, M22759/11-26-() 09 - 18 Inches (457mm), White, M22759/33-26-9 10 - 36 Inches (914mm), White, M22759/33-26-9 11 - 18 Inches (457mm), 10 Color Repeating, M22759/33-26-() 12 - 36 Inches (914mm), 10 Color Repeating, M22759/33-26-() 13 - 72 Inches (1829mm), White, M22759/11-26-9 14 - 72 Inches (1829mm), 10 Color Repeating, M22759/11-26-() 15 - 72 Inches (1829mm), White, M22759/33-26-9 16 - 72 Inches (1829mm), 10 Color Repeating, M22759/33-26-()				
Shell Finish	C – Cadmium N – Electroless Nickel				

3. Connector Information

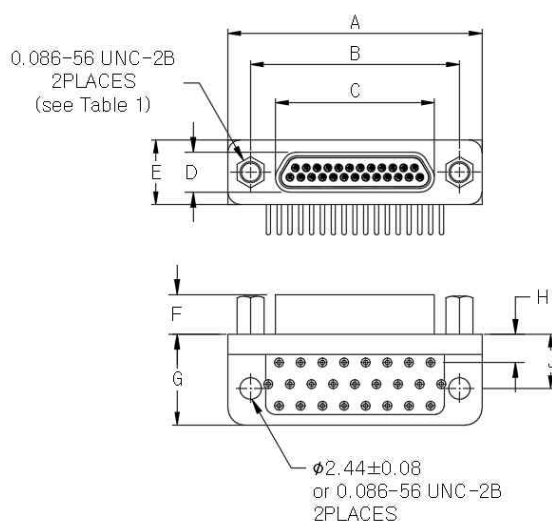
MIL-DTL-83513/10 & 11 & 13 & 14 (QPL)



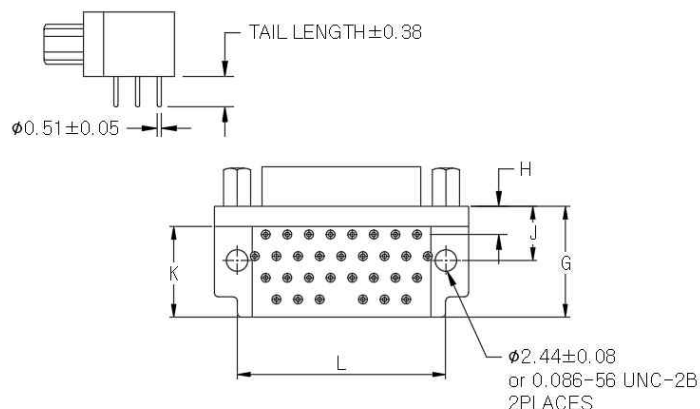
Right Angle PCB Type Connectors

PC tails are 0.51 mm diameter.

Terminals are coated with tin-lead solder for best solderability.



<shell size 9 ~ 25>



<shell size 31 ~ 51>

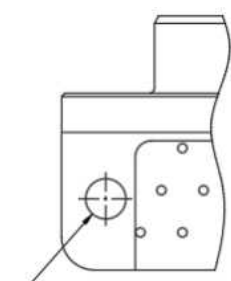
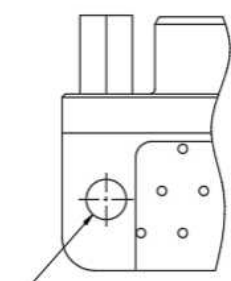
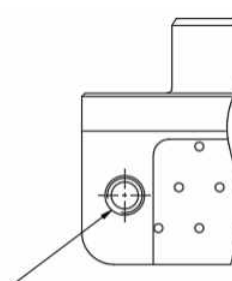
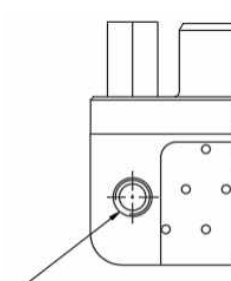
	A Max.		B		C Max.		D Max.		E Max.		F		G Max.		H		J		K Max.		L Max.	
	In.	mm.	±.003 In.	± 0.08 mm.	In.	mm.	In.	mm.	In.	mm.	±.003 In.	± 0.08 mm.	In.	mm.	±.010 In.	±0.25 mm.	±.010 In.	±0.25 mm.	In.	mm.	In.	mm.
9P	0.787	19.94	0.565	14.35	0.333	8.46	0.184	4.67	0.31	7.87	0.183	4.65	0.425	10.8	0.23	5.84	0.25	6.35	—	—	—	—
9S	0.787	19.94	0.565	14.35	0.4	10.16	0.25	6.35	0.31	7.87	0.195	4.95	0.425	10.8	0.23	5.84	0.25	6.35	—	—	—	—
15P	0.937	23.75	0.715	18.16	0.483	12.27	0.184	4.67	0.31	7.87	0.183	4.65	0.425	10.8	0.13	3.3	0.25	6.35	—	—	—	—
15S	0.937	23.75	0.715	18.16	0.551	14	0.25	6.35	0.31	7.87	0.195	4.95	0.425	10.8	0.13	3.3	0.25	6.35	—	—	—	—
21P	1.087	27.56	0.865	21.97	0.633	16.08	0.184	4.67	0.31	7.87	0.183	4.65	0.425	10.8	0.13	3.3	0.25	6.35	—	—	—	—
21S	1.087	27.56	0.865	21.97	0.701	17.81	0.25	6.35	0.31	7.87	0.195	4.95	0.425	10.8	0.13	3.3	0.25	6.35	—	—	—	—
25P	1.187	30.01	0.965	24.51	0.733	18.62	0.184	4.67	0.31	7.87	0.183	4.65	0.425	10.8	0.13	3.3	0.25	6.35	—	—	—	—
25S	1.187	30.01	0.965	24.51	0.801	20.35	0.25	6.35	0.31	7.87	0.195	4.95	0.425	10.8	0.13	3.3	0.25	6.35	—	—	—	—
31P	1.337	33.91	1.115	28.32	0.883	22.43	0.184	4.67	0.31	7.87	0.183	4.65	0.525	13.34	0.13	3.3	0.25	6.35	0.45	11.43	1.085	27.56
31S	1.337	33.91	1.115	28.32	0.951	24.16	0.25	6.35	0.31	7.87	0.195	4.95	0.525	13.34	0.13	3.3	0.25	6.35	0.45	11.43	1.085	27.56
37P	1.487	37.72	1.265	32.13	1.033	26.24	0.184	4.67	0.31	7.87	0.183	4.65	0.525	13.34	0.13	3.3	0.25	6.35	0.45	11.43	1.185	30.1
37S	1.487	37.72	1.265	32.13	1.101	27.96	0.25	6.35	0.31	7.87	0.195	4.95	0.525	13.34	0.13	3.3	0.25	6.35	0.45	11.43	1.185	30.1
51P	1.435	36.45	1.215	30.86	0.983	24.97	0.228	5.79	0.351	8.92	0.183	4.65	0.66	16.76	0.15	3.81	0.3	7.62	0.45	11.43	1.225	31.12
51S	1.435	36.45	1.215	30.86	1.051	26.7	0.296	7.52	0.351	8.92	0.195	4.95	0.66	16.76	0.15	3.81	0.3	7.62	0.45	11.43	1.225	31.12

3. Connector Information

MIL-DTL-83513/10 & 11 & 13 & 14 (QPL)

Part number	M83513	/ 10-D	03	N	W
Base Part Number	M83513 (QPL) (Shell Size : A to G) YHM83513 (Shell Size : A to G)				
Slash Number	* Plug(Pin Contacts) 10-A - 9 Contacts 10-B - 15 Contacts 10-C - 21 Contacts 10-D - 25 Contacts 10-E - 31 Contacts 10-F - 37 Contacts 11-G - 51 Contacts * Receptacle(Socket Contacts) 13-A - 9 Contacts 13-B - 15 Contacts 13-C - 21 Contacts 13-D - 25 Contacts 13-E - 31 Contacts 13-F - 37 Contacts 14-G - 51 Contacts				
PC Tail Length	01 - .109 Inch (2.77 mm) 02 - .140 Inch (3.56 mm) 03 - .172 Inch (4.37 mm) * PC Tail Length $\pm$.015 (0.38)				
Shell Finish	C - Cadmium N - Electroless Nickel				
Hardware Options (See Table 1)	N - No Jackpost P - Jackposts Installed T - Threaded Insert in Board Mount Hole (No Jackposts) W - Threaded Insert in Board Mount Hole and jackposts Installed				

(Table 1) Hardware Options

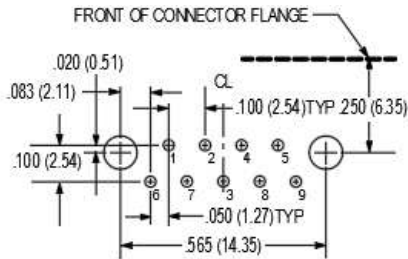
N	P	T	W
 Hole Dia. 2.51~2.36	 Hole Dia. 2.51~2.36	 Thread 0.086-56 UNC-2B	 Thread 0.086-56 UNC-2B

3. Connector Information

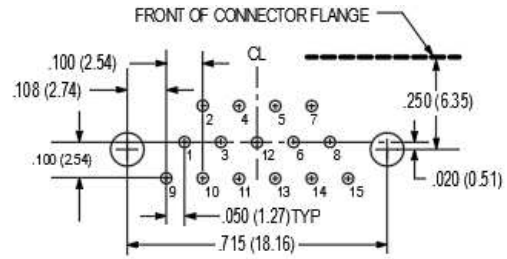
Right Angle Type PCB Layouts (Pin)

MIL-DTL-83513/10 & 11

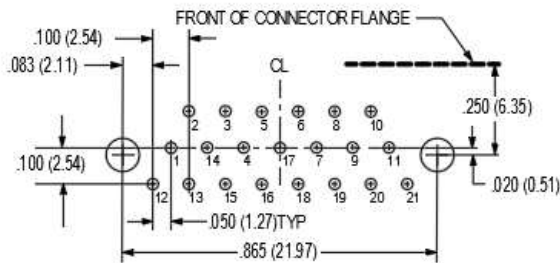
(Unit : inch(mm))



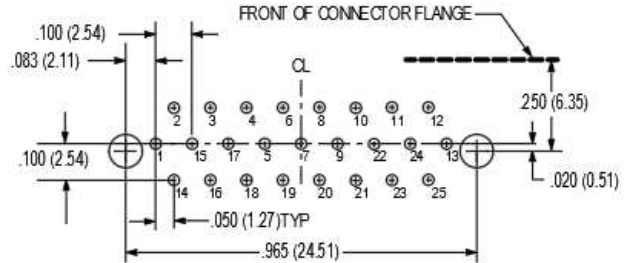
9 PIN M83513/10-A



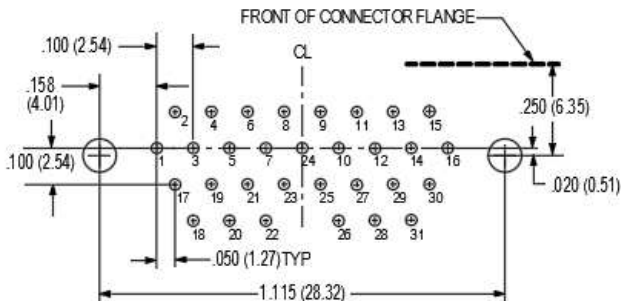
15 PIN M83513/10-B



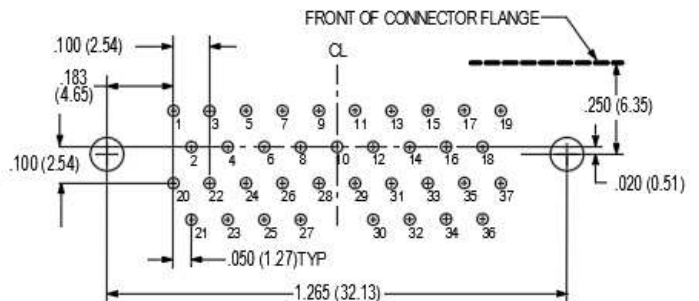
21 PIN M83513/10-C



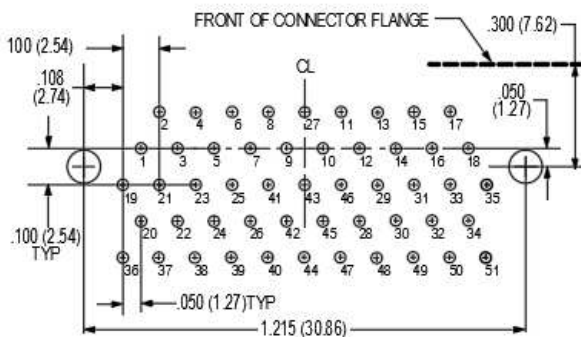
25 PIN M83513/10-D



31 PIN M83513/10-E



37 PIN M83513/10-F



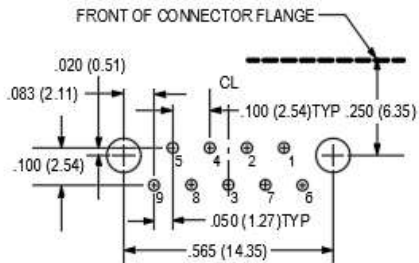
51 PIN M83513/11-G

3. Connector Information

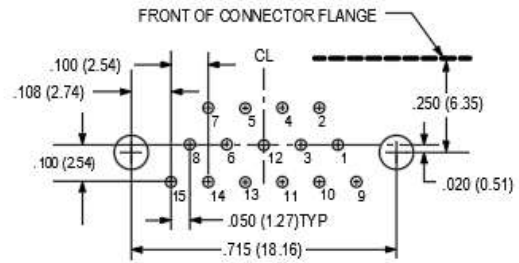
Right Angle Type PCB Layouts (Socket)

MIL-DTL-83513/13 & 14

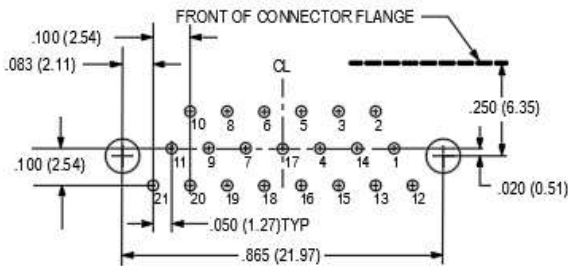
(Unit : inch(mm))



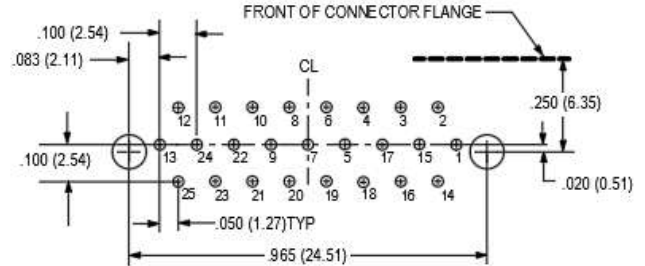
9 SOCKET M83513/13-A



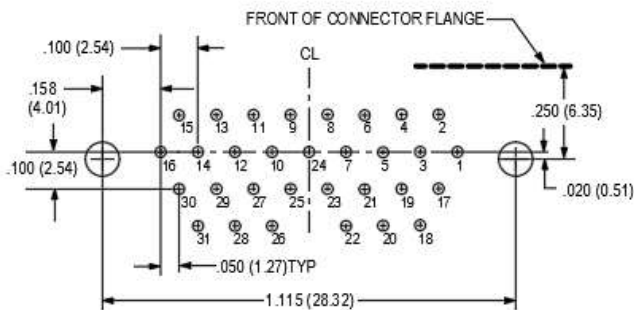
15 SOCKET M83513/13-B



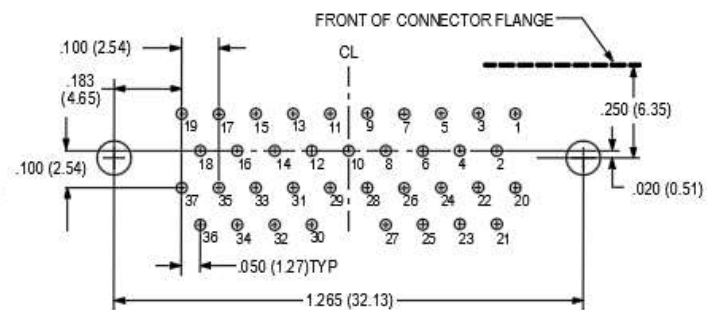
21 SOCKET M83513/13-C



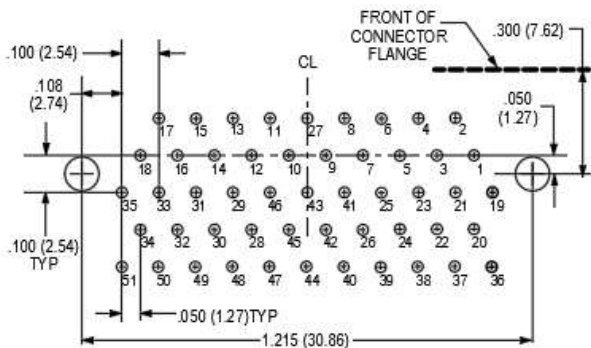
25 SOCKET M83513/13-D



31 SOCKET M83513/13-E



37 SOCKET M83513/13-F



51 SOCKET M83513/14-G

3. Connector Information

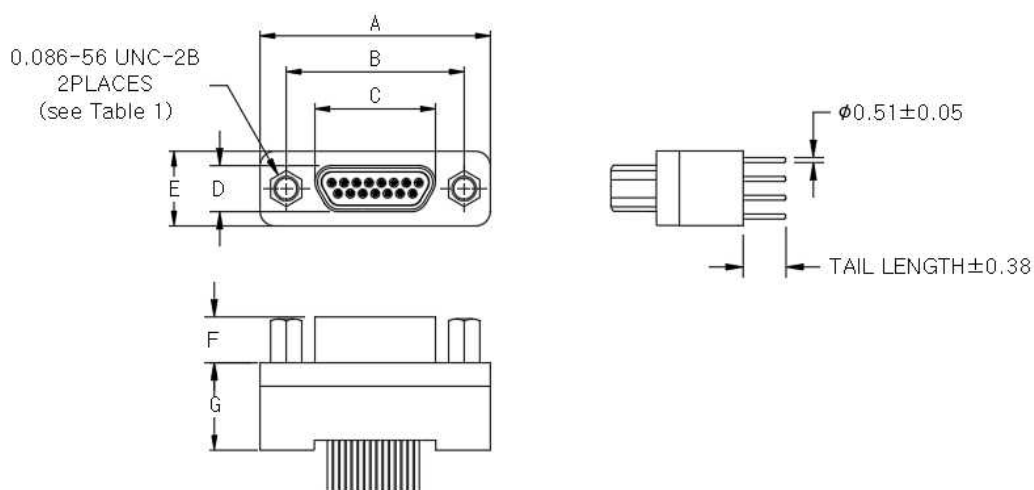
MIL-DTL-83513/28 & 29 & 31 & 32 (QPL)



Straight PCB Type Connectors

PC tails are 0.51 mm diameter.

Terminals are coated with tin-lead solder for best solderability.



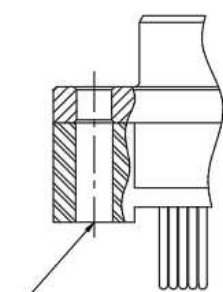
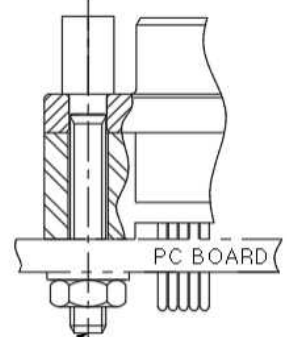
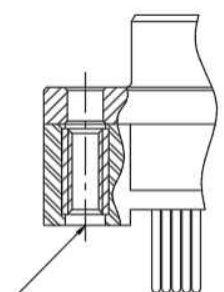
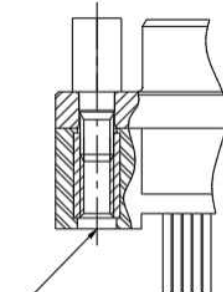
	A Max.		B		C Max.		D Max.		E Max.		F		G Max.	
	In.	mm.	$\pm$.003 In.	$\pm$ 0.08 mm.	In.	mm.	In.	mm.	In.	mm.	$\pm$.003 In.	$\pm$ 0.08 mm.	In.	mm.
9P	0.785	19.94	0.565	14.35	0.333	8.46	0.185	4.7	0.31	7.87	0.183	4.65	0.355	9.02
9S	0.785	19.94	0.565	14.35	0.4	10.16	0.253	6.43	0.31	7.87	0.195	4.95	0.355	9.02
15P	0.935	23.75	0.715	18.16	0.483	12.27	0.185	4.7	0.31	7.87	0.183	4.65	0.355	9.02
15S	0.935	23.75	0.715	18.16	0.551	14	0.253	6.43	0.31	7.87	0.195	4.95	0.355	9.02
21P	1.085	27.56	0.865	21.97	0.633	16.08	0.185	4.7	0.31	7.87	0.183	4.65	0.355	9.02
21S	1.085	27.56	0.865	21.97	0.701	17.81	0.253	6.43	0.31	7.87	0.195	4.95	0.355	9.02
25P	1.185	30.01	0.965	24.51	0.733	18.62	0.185	4.7	0.31	7.87	0.183	4.65	0.355	9.02
25S	1.185	30.01	0.965	24.51	0.801	20.35	0.253	6.43	0.31	7.87	0.195	4.95	0.355	9.02
31P	1.335	33.91	1.115	28.32	0.883	22.43	0.185	4.7	0.31	7.87	0.183	4.65	0.355	9.02
31S	1.335	33.91	1.115	28.32	0.951	24.16	0.253	6.43	0.31	7.87	0.195	4.95	0.355	9.02
37P	1.485	37.72	1.265	32.13	1.033	26.24	0.185	4.7	0.31	7.87	0.183	4.65	0.355	9.02
37S	1.485	37.72	1.265	32.13	1.101	27.96	0.253	6.43	0.31	7.87	0.195	4.95	0.355	9.02
51P	1.435	36.45	1.215	30.86	0.983	24.97	0.228	5.79	0.4	10.16	0.183	4.65	0.355	9.02
51S	1.435	36.45	1.215	30.86	1.051	26.7	0.296	7.52	0.4	10.16	0.195	4.95	0.355	9.02

3. Connector Information

MIL-DTL-83513/28 & 29 & 31 & 32 (QPL)

Part number	M83513	/ 28-B	03	N	T
Base Part Number	M83513 (QPL) (Shell Size : A to G) YHM83513 (Shell Size : A to G)				
Slash Number	* Plug(Pin Contacts) * Receptacle(Socket Contacts) 28-A - 9 Contacts 31-A - 9 Contacts 28-B - 15 Contacts 31-B - 15 Contacts 28-C - 21 Contacts 31-C - 21 Contacts 28-D - 25 Contacts 31-D - 25 Contacts 28-E - 31 Contacts 31-E - 31 Contacts 28-F - 37 Contacts 31-F - 37 Contacts 29-G - 51 Contacts 32-G - 51 Contacts				
PC Tail Length	01 – .109 Inch (2.77 mm) 02 – .140 Inch (3.56 mm) 03 – .172 Inch (4.37 mm) * PC Tail Length ± .015 (0.38)				
Shell Finish	C – Cadmium N – Electroless Nickel				
Hardware Options (See Table 1)	N - No Jackpost P - Jackposts Installed T - Threaded Insert in Board Mount Hole (No Jackposts) W - Threaded Insert in Board Mount Hole and jackposts Installed				

(Table 1) Hardware Options

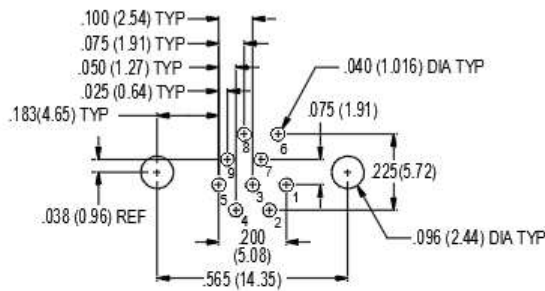
N	P	T	W
 Hole Dia. 2.44~2.24	 PC BOARD Thread 0.086-56 UNC	 Thread 0.086-56 UNC-2B	 Thread 0.086-56 UNC-2B

3. Connector Information

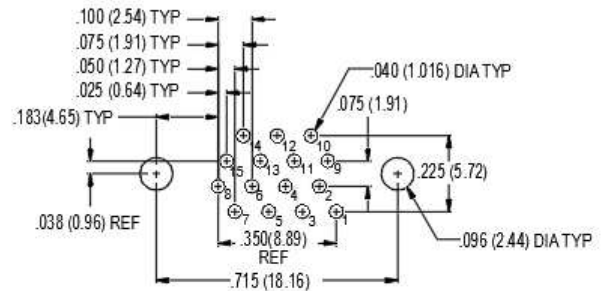
Straight Type PCB Layouts (Pin)

MIL-DTL-83513/28 & 29

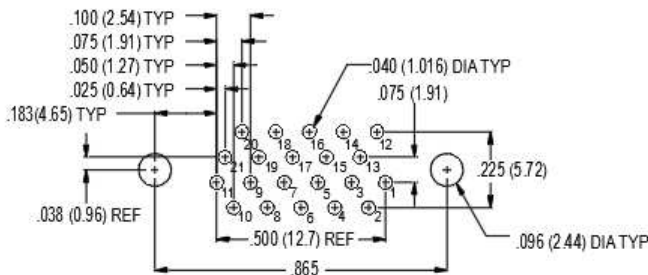
(Unit : inch(mm))



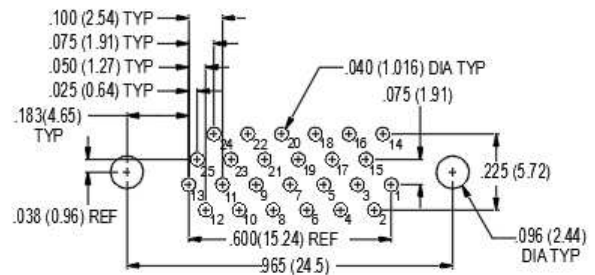
9 PIN M83513/28-A



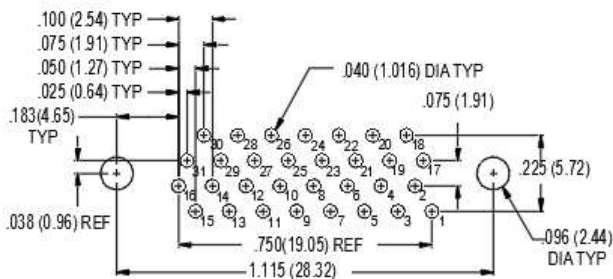
15 PIN M83513/28-B



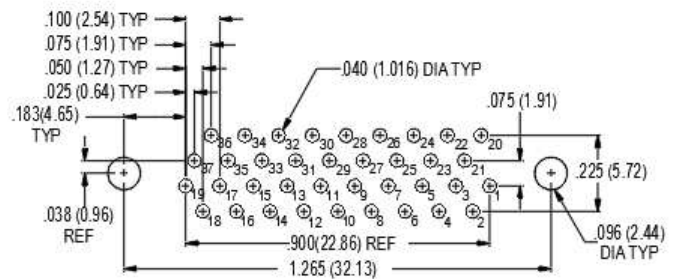
21 PIN M83513/28-C



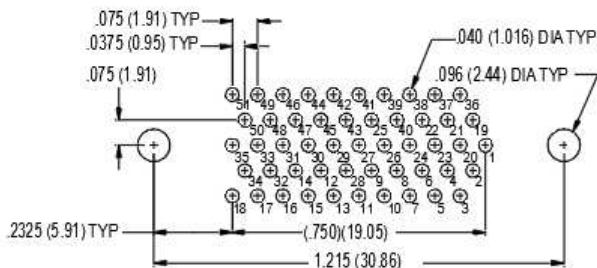
25 PIN M83513/28-D



31 PIN M83513/28-E



37 PIN M83513/28-F



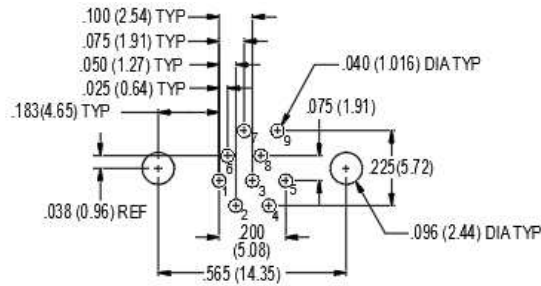
51 PIN M83513/29-G

3. Connector Information

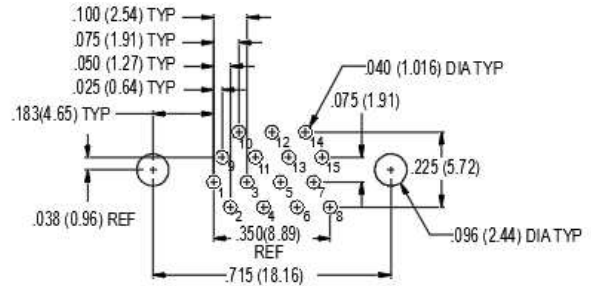
Straight Type PCB Layouts (Socket)

MIL-DTL-83513/31 & 32

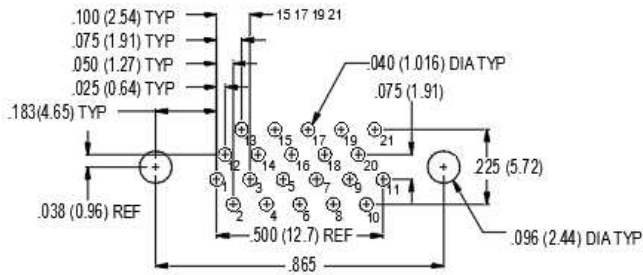
(Unit : inch(mm))



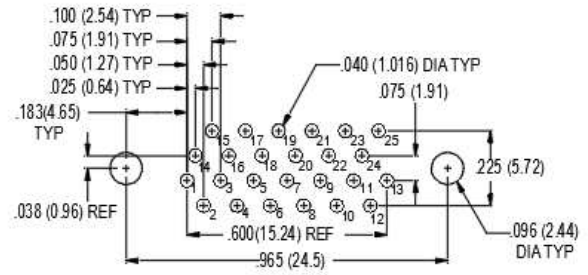
9 SOCKET M83513/31-A



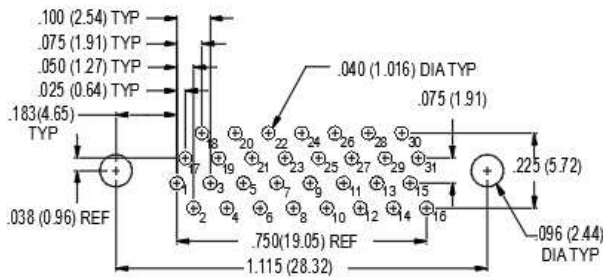
15 SOCKET M83513/31-B



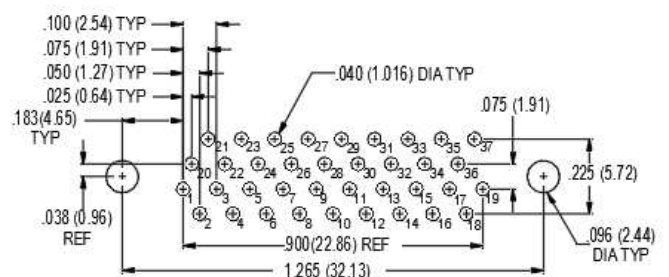
21 SOCKET M83513/31-C



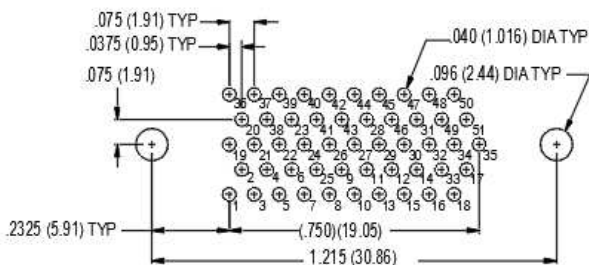
25 SOCKET M83513/31-D



31 SOCKET M83513/31-E



37 SOCKET M83513/31-F



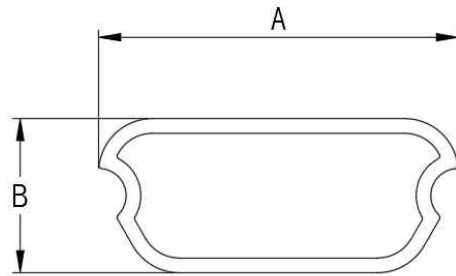
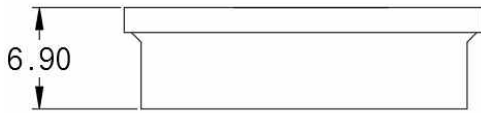
51 SOCKET M83513/32-G

4. Dust cap

Dust cap



These anti-static black dust caps protect Micro-D connectors from debris and damage. These caps may be purchased separately for replacements.



	A		B	
	In.	mm.	± .004 In.	± 0.10 mm.
9P	0.503	12.80	0.350	8.90
15P	0.653	16.60	0.350	8.90
21P	0.803	20.40	0.350	8.90
25P	0.903	22.95	0.350	8.90
31P	1.053	26.75	0.350	8.90
37P	1.202	30.55	0.350	8.90
51P	1.153	29.30	0.397	10.10

	A		B	
	In.	mm.	± .004 In.	± 0.10 mm.
9S	0.566	14.40	0.41	10.50
15S	0.716	18.20	0.41	10.50
21S	0.866	22.00	0.41	10.50
25S	0.966	24.55	0.41	10.50
31S	1.116	28.35	0.41	10.50
37S	1.265	32.15	0.41	10.50
51S	1.221	30.90	0.46	11.80

Part number	YHM83513	C	- 1
Base Part Number	YHM83513 (Shell Size : A to G)		
Slash Number	C - Connector Cap		
Shell Size & Contact Style	-1 (9P) -2 (15P) -3 (21P) -4 (25P) -5 (31P) -6 (37P) -7 (51P)	-8 (9S) -9 (15S) -10 (21S) -11 (25S) -12 (31S) -13 (37S) -14 (51S)	

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/01

MIL Part Number	Yeonhab Part Number
M83513/01-AC	YHM83513/01-AC
M83513/01-AN	YHM83513/01-AN
M83513/01-BC	YHM83513/01-BC
M83513/01-BN	YHM83513/01-BN
M83513/01-CC	YHM83513/01-CC
M83513/01-CN	YHM83513/01-CN
M83513/01-DC	YHM83513/01-DC
M83513/01-DN	YHM83513/01-DN
M83513/01-EC	YHM83513/01-EC
M83513/01-EN	YHM83513/01-EN
M83513/01-FC	YHM83513/01-FC
M83513/01-FN	YHM83513/01-FN
M83513/01-GC	YHM83513/01-GC
M83513/01-GN	YHM83513/01-GN

- M83513/02

MIL Part Number	Yeonhab Part Number
M83513/02-AC	YHM83513/02-AC
M83513/02-AN	YHM83513/02-AN
M83513/02-BC	YHM83513/02-BC
M83513/02-BN	YHM83513/02-BN
M83513/02-CC	YHM83513/02-CC
M83513/02-CN	YHM83513/02-CN
M83513/02-DC	YHM83513/02-DC
M83513/02-DN	YHM83513/02-DN
M83513/02-EC	YHM83513/02-EC
M83513/02-EN	YHM83513/02-EN
M83513/02-FC	YHM83513/02-FC
M83513/02-FN	YHM83513/02-FN
M83513/02-GC	YHM83513/02-GC
M83513/02-GN	YHM83513/02-GN

- M83513/03

MIL Part Number	Yeonhab Part Number
M83513/03-A01C	YHM83513/03-A01C
M83513/03-A02C	YHM83513/03-A02C
M83513/03-A03C	YHM83513/03-A03C
M83513/03-A04C	YHM83513/03-A04C
M83513/03-A09C	YHM83513/03-A09C
M83513/03-A10C	YHM83513/03-A10C
M83513/03-A11C	YHM83513/03-A11C
M83513/03-A12C	YHM83513/03-A12C
M83513/03-A13C	YHM83513/03-A13C
M83513/03-A14C	YHM83513/03-A14C
M83513/03-A15C	YHM83513/03-A15C
M83513/03-A16C	YHM83513/03-A16C
M83513/03-A01N	YHM83513/03-A01N
M83513/03-A02N	YHM83513/03-A02N
M83513/03-A03N	YHM83513/03-A03N
M83513/03-A04N	YHM83513/03-A04N
M83513/03-A09N	YHM83513/03-A09N
M83513/03-A10N	YHM83513/03-A10N
M83513/03-A11N	YHM83513/03-A11N
M83513/03-A12N	YHM83513/03-A12N
M83513/03-A13N	YHM83513/03-A13N
M83513/03-A14N	YHM83513/03-A14N
M83513/03-A15N	YHM83513/03-A15N
M83513/03-A16N	YHM83513/03-A16N
M83513/03-B01C	YHM83513/03-B01C
M83513/03-B02C	YHM83513/03-B02C
M83513/03-B03C	YHM83513/03-B03C
M83513/03-B04C	YHM83513/03-B04C
M83513/03-B09C	YHM83513/03-B09C
M83513/03-B10C	YHM83513/03-B10C
M83513/03-B11C	YHM83513/03-B11C
M83513/03-B12C	YHM83513/03-B12C
M83513/03-B13C	YHM83513/03-B13C
M83513/03-B14C	YHM83513/03-B14C
M83513/03-B15C	YHM83513/03-B15C

MIL Part Number	Yeonhab Part Number
M83513/03-B16C	YHM83513/03-B16C
M83513/03-B01N	YHM83513/03-B01N
M83513/03-B02N	YHM83513/03-B02N
M83513/03-B03N	YHM83513/03-B03N
M83513/03-B04N	YHM83513/03-B04N
M83513/03-B09N	YHM83513/03-B09N
M83513/03-B10N	YHM83513/03-B10N
M83513/03-B11N	YHM83513/03-B11N
M83513/03-B12N	YHM83513/03-B12N
M83513/03-B13N	YHM83513/03-B13N
M83513/03-B14N	YHM83513/03-B14N
M83513/03-B15N	YHM83513/03-B15N
M83513/03-B16N	YHM83513/03-B16N
M83513/03-C01C	YHM83513/03-C01C
M83513/03-C02C	YHM83513/03-C02C
M83513/03-C03C	YHM83513/03-C03C
M83513/03-C04C	YHM83513/03-C04C
M83513/03-C09C	YHM83513/03-C09C
M83513/03-C10C	YHM83513/03-C10C
M83513/03-C11C	YHM83513/03-C11C
M83513/03-C12C	YHM83513/03-C12C
M83513/03-C13C	YHM83513/03-C13C
M83513/03-C14C	YHM83513/03-C14C
M83513/03-C15C	YHM83513/03-C15C
M83513/03-C16C	YHM83513/03-C16C
M83513/03-C01N	YHM83513/03-C01N
M83513/03-C02N	YHM83513/03-C02N
M83513/03-C03N	YHM83513/03-C03N
M83513/03-C04N	YHM83513/03-C04N
M83513/03-C09N	YHM83513/03-C09N
M83513/03-C10N	YHM83513/03-C10N
M83513/03-C11N	YHM83513/03-C11N
M83513/03-C12N	YHM83513/03-C12N
M83513/03-C13N	YHM83513/03-C13N
M83513/03-C14N	YHM83513/03-C14N

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/03

MIL Part Number	Yeonhab Part Number
M83513/03-C15N	YHM83513/03-C15N
M83513/03-C16N	YHM83513/03-C16N
M83513/03-D01C	YHM83513/03-D01C
M83513/03-D02C	YHM83513/03-D02C
M83513/03-D03C	YHM83513/03-D03C
M83513/03-D04C	YHM83513/03-D04C
M83513/03-D09C	YHM83513/03-D09C
M83513/03-D10C	YHM83513/03-D10C
M83513/03-D11C	YHM83513/03-D11C
M83513/03-D12C	YHM83513/03-D12C
M83513/03-D13C	YHM83513/03-D13C
M83513/03-D14C	YHM83513/03-D14C
M83513/03-D15C	YHM83513/03-D15C
M83513/03-D16C	YHM83513/03-D16C
M83513/03-D01N	YHM83513/03-D01N
M83513/03-D02N	YHM83513/03-D02N
M83513/03-D03N	YHM83513/03-D03N
M83513/03-D04N	YHM83513/03-D04N
M83513/03-D09N	YHM83513/03-D09N
M83513/03-D10N	YHM83513/03-D10N
M83513/03-D11N	YHM83513/03-D11N
M83513/03-D12N	YHM83513/03-D12N
M83513/03-D13N	YHM83513/03-D13N
M83513/03-D14N	YHM83513/03-D14N
M83513/03-D15N	YHM83513/03-D15N
M83513/03-D16N	YHM83513/03-D16N
M83513/03-E01C	YHM83513/03-E01C
M83513/03-E02C	YHM83513/03-E02C
M83513/03-E03C	YHM83513/03-E03C
M83513/03-E04C	YHM83513/03-E04C
M83513/03-E09C	YHM83513/03-E09C
M83513/03-E10C	YHM83513/03-E10C
M83513/03-E11C	YHM83513/03-E11C
M83513/03-E12C	YHM83513/03-E12C
M83513/03-E13C	YHM83513/03-E13C
M83513/03-E14C	YHM83513/03-E14C
M83513/03-E15C	YHM83513/03-E15C
M83513/03-E16C	YHM83513/03-E16C
M83513/03-E01N	YHM83513/03-E01N
M83513/03-E02N	YHM83513/03-E02N
M83513/03-E03N	YHM83513/03-E03N
M83513/03-E04N	YHM83513/03-E04N
M83513/03-E09N	YHM83513/03-E09N
M83513/03-E10N	YHM83513/03-E10N
M83513/03-E11N	YHM83513/03-E11N
M83513/03-E12N	YHM83513/03-E12N
M83513/03-E13N	YHM83513/03-E13N
M83513/03-E14N	YHM83513/03-E14N
M83513/03-E15N	YHM83513/03-E15N

MIL Part Number	Yeonhab Part Number
M83513/03-E16N	YHM83513/03-E16N
M83513/03-F01C	YHM83513/03-F01C
M83513/03-F02C	YHM83513/03-F02C
M83513/03-F03C	YHM83513/03-F03C
M83513/03-F04C	YHM83513/03-F04C
M83513/03-F09C	YHM83513/03-F09C
M83513/03-F10C	YHM83513/03-F10C
M83513/03-F11C	YHM83513/03-F11C
M83513/03-F12C	YHM83513/03-F12C
M83513/03-F13C	YHM83513/03-F13C
M83513/03-F14C	YHM83513/03-F14C
M83513/03-F15C	YHM83513/03-F15C
M83513/03-F16C	YHM83513/03-F16C
M83513/03-F01N	YHM83513/03-F01N
M83513/03-F02N	YHM83513/03-F02N
M83513/03-F03N	YHM83513/03-F03N
M83513/03-F04N	YHM83513/03-F04N
M83513/03-F09N	YHM83513/03-F09N
M83513/03-F10N	YHM83513/03-F10N
M83513/03-F11N	YHM83513/03-F11N
M83513/03-F12N	YHM83513/03-F12N
M83513/03-F13N	YHM83513/03-F13N
M83513/03-F14N	YHM83513/03-F14N
M83513/03-F15N	YHM83513/03-F15N
M83513/03-F16N	YHM83513/03-F16N
M83513/03-G01C	YHM83513/03-G01C
M83513/03-G02C	YHM83513/03-G02C
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M83513/03-G16C	YHM83513/03-G16C
M83513/03-G01N	YHM83513/03-G01N
M83513/03-G02N	YHM83513/03-G02N
M83513/03-G03N	YHM83513/03-G03N
M83513/03-G04N	YHM83513/03-G04N
M83513/03-G09N	YHM83513/03-G09N
M83513/03-G10N	YHM83513/03-G10N
M83513/03-G11N	YHM83513/03-G11N
M83513/03-G12N	YHM83513/03-G12N
M83513/03-G13N	YHM83513/03-G13N
M83513/03-G14N	YHM83513/03-G14N
M83513/03-G15N	YHM83513/03-G15N
M83513/03-G16N	YHM83513/03-G16N

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/04

MIL Part Number	Yeonhab Part Number
M83513/04-A01C	YHM83513/04-A01C
M83513/04-A02C	YHM83513/04-A02C
M83513/04-A03C	YHM83513/04-A03C
M83513/04-A04C	YHM83513/04-A04C
M83513/04-A09C	YHM83513/04-A09C
M83513/04-A10C	YHM83513/04-A10C
M83513/04-A11C	YHM83513/04-A11C
M83513/04-A12C	YHM83513/04-A12C
M83513/04-A13C	YHM83513/04-A13C
M83513/04-A14C	YHM83513/04-A14C
M83513/04-A15C	YHM83513/04-A15C
M83513/04-A16C	YHM83513/04-A16C
M83513/04-A01N	YHM83513/04-A01N
M83513/04-A02N	YHM83513/04-A02N
M83513/04-A03N	YHM83513/04-A03N
M83513/04-A04N	YHM83513/04-A04N
M83513/04-A09N	YHM83513/04-A09N
M83513/04-A10N	YHM83513/04-A10N
M83513/04-A11N	YHM83513/04-A11N
M83513/04-A12N	YHM83513/04-A12N
M83513/04-A13N	YHM83513/04-A13N
M83513/04-A14N	YHM83513/04-A14N
M83513/04-A15N	YHM83513/04-A15N
M83513/04-A16N	YHM83513/04-A16N
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M83513/04-B09C	YHM83513/04-B09C
M83513/04-B10C	YHM83513/04-B10C
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M83513/04-B03N	YHM83513/04-B03N
M83513/04-B04N	YHM83513/04-B04N
M83513/04-B09N	YHM83513/04-B09N
M83513/04-B10N	YHM83513/04-B10N
M83513/04-B11N	YHM83513/04-B11N
M83513/04-B12N	YHM83513/04-B12N
M83513/04-B13N	YHM83513/04-B13N
M83513/04-B14N	YHM83513/04-B14N
M83513/04-B15N	YHM83513/04-B15N
M83513/04-B16N	YHM83513/04-B16N
M83513/04-C01C	YHM83513/04-C01C
M83513/04-C02C	YHM83513/04-C02C
M83513/04-C03C	YHM83513/04-C03C
M83513/04-C04C	YHM83513/04-C04C
M83513/04-C09C	YHM83513/04-C09C
M83513/04-C10C	YHM83513/04-C10C

MIL Part Number	Yeonhab Part Number
M83513/04-C11C	YHM83513/04-C11C
M83513/04-C12C	YHM83513/04-C12C
M83513/04-C13C	YHM83513/04-C13C
M83513/04-C14C	YHM83513/04-C14C
M83513/04-C15C	YHM83513/04-C15C
M83513/04-C16C	YHM83513/04-C16C
M83513/04-C01N	YHM83513/04-C01N
M83513/04-C02N	YHM83513/04-C02N
M83513/04-C03N	YHM83513/04-C03N
M83513/04-C04N	YHM83513/04-C04N
M83513/04-C09N	YHM83513/04-C09N
M83513/04-C10N	YHM83513/04-C10N
M83513/04-C11N	YHM83513/04-C11N
M83513/04-C12N	YHM83513/04-C12N
M83513/04-C13N	YHM83513/04-C13N
M83513/04-C14N	YHM83513/04-C14N
M83513/04-C15N	YHM83513/04-C15N
M83513/04-C16N	YHM83513/04-C16N
M83513/04-D01C	YHM83513/04-D01C
M83513/04-D02C	YHM83513/04-D02C
M83513/04-D03C	YHM83513/04-D03C
M83513/04-D04C	YHM83513/04-D04C
M83513/04-D09C	YHM83513/04-D09C
M83513/04-D10C	YHM83513/04-D10C
M83513/04-D11C	YHM83513/04-D11C
M83513/04-D12C	YHM83513/04-D12C
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M83513/04-D02N	YHM83513/04-D02N
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M83513/04-D09N	YHM83513/04-D09N
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M83513/04-D14N	YHM83513/04-D14N
M83513/04-D15N	YHM83513/04-D15N
M83513/04-D16N	YHM83513/04-D16N
M83513/04-E01C	YHM83513/04-E01C
M83513/04-E02C	YHM83513/04-E02C
M83513/04-E03C	YHM83513/04-E03C
M83513/04-E04C	YHM83513/04-E04C
M83513/04-E09C	YHM83513/04-E09C
M83513/04-E10C	YHM83513/04-E10C
M83513/04-E11C	YHM83513/04-E11C
M83513/04-E12C	YHM83513/04-E12C
M83513/04-E13C	YHM83513/04-E13C
M83513/04-E14C	YHM83513/04-E14C
M83513/04-E15C	YHM83513/04-E15C
M83513/04-E16C	YHM83513/04-E16C

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/04

MIL Part Number	Yeonhab Part Number
M83513/04-E01N	YHM83513/04-E01N
M83513/04-E02N	YHM83513/04-E02N
M83513/04-E03N	YHM83513/04-E03N
M83513/04-E04N	YHM83513/04-E04N
M83513/04-E09N	YHM83513/04-E09N
M83513/04-E10N	YHM83513/04-E10N
M83513/04-E11N	YHM83513/04-E11N
M83513/04-E12N	YHM83513/04-E12N
M83513/04-E13N	YHM83513/04-E13N
M83513/04-E14N	YHM83513/04-E14N
M83513/04-E15N	YHM83513/04-E15N
M83513/04-E16N	YHM83513/04-E16N
M83513/04-F01C	YHM83513/04-F01C
M83513/04-F02C	YHM83513/04-F02C
M83513/04-F03C	YHM83513/04-F03C
M83513/04-F04C	YHM83513/04-F04C
M83513/04-F09C	YHM83513/04-F09C
M83513/04-F10C	YHM83513/04-F10C
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M83513/04-F12C	YHM83513/04-F12C
M83513/04-F13C	YHM83513/04-F13C
M83513/04-F14C	YHM83513/04-F14C
M83513/04-F15C	YHM83513/04-F15C
M83513/04-F16C	YHM83513/04-F16C
M83513/04-F01N	YHM83513/04-F01N
M83513/04-F02N	YHM83513/04-F02N
M83513/04-F03N	YHM83513/04-F03N
M83513/04-F04N	YHM83513/04-F04N
M83513/04-F09N	YHM83513/04-F09N
M83513/04-F10N	YHM83513/04-F10N

MIL Part Number	Yeonhab Part Number
M83513/04-F11N	YHM83513/04-F11N
M83513/04-F12N	YHM83513/04-F12N
M83513/04-F13N	YHM83513/04-F13N
M83513/04-F14N	YHM83513/04-F14N
M83513/04-F15N	YHM83513/04-F15N
M83513/04-F16N	YHM83513/04-F16N
M83513/04-G01C	YHM83513/04-G01C
M83513/04-G02C	YHM83513/04-G02C
M83513/04-G03C	YHM83513/04-G03C
M83513/04-G04C	YHM83513/04-G04C
M83513/04-G09C	YHM83513/04-G09C
M83513/04-G10C	YHM83513/04-G10C
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M83513/04-G12C	YHM83513/04-G12C
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M83513/04-G14C	YHM83513/04-G14C
M83513/04-G15C	YHM83513/04-G15C
M83513/04-G16C	YHM83513/04-G16C
M83513/04-G01N	YHM83513/04-G01N
M83513/04-G02N	YHM83513/04-G02N
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M83513/04-G04N	YHM83513/04-G04N
M83513/04-G09N	YHM83513/04-G09N
M83513/04-G10N	YHM83513/04-G10N
M83513/04-G11N	YHM83513/04-G11N
M83513/04-G12N	YHM83513/04-G12N
M83513/04-G13N	YHM83513/04-G13N
M83513/04-G14N	YHM83513/04-G14N
M83513/04-G15N	YHM83513/04-G15N
M83513/04-G16N	YHM83513/04-G16N

- M83513/10

MIL Part Number	Yeonhab Part Number
M83513/10-A01CN	YHM83513/10-A01CN
M83513/10-A01CP	YHM83513/10-A01CP
M83513/10-A01CT	YHM83513/10-A01CT
M83513/10-A01CW	YHM83513/10-A01CW
M83513/10-A02CN	YHM83513/10-A02CN
M83513/10-A02CP	YHM83513/10-A02CP
M83513/10-A02CT	YHM83513/10-A02CT
M83513/10-A02CW	YHM83513/10-A02CW
M83513/10-A03CN	YHM83513/10-A03CN
M83513/10-A03CP	YHM83513/10-A03CP
M83513/10-A03CT	YHM83513/10-A03CT
M83513/10-A03CW	YHM83513/10-A03CW
M83513/10-A01NN	YHM83513/10-A01NN
M83513/10-A01NP	YHM83513/10-A01NP
M83513/10-A01NT	YHM83513/10-A01NT
M83513/10-A01NW	YHM83513/10-A01NW
M83513/10-A02NN	YHM83513/10-A02NN
M83513/10-A02NP	YHM83513/10-A02NP
M83513/10-A02NT	YHM83513/10-A02NT

MIL Part Number	Yeonhab Part Number
M83513/10-A02NW	YHM83513/10-A02NW
M83513/10-A03NN	YHM83513/10-A03NN
M83513/10-A03NP	YHM83513/10-A03NP
M83513/10-A03NT	YHM83513/10-A03NT
M83513/10-A03NW	YHM83513/10-A03NW
M83513/10-B01CN	YHM83513/10-B01CN
M83513/10-B01CP	YHM83513/10-B01CP
M83513/10-B01CT	YHM83513/10-B01CT
M83513/10-B01CW	YHM83513/10-B01CW
M83513/10-B02CN	YHM83513/10-B02CN
M83513/10-B02CP	YHM83513/10-B02CP
M83513/10-B02CT	YHM83513/10-B02CT
M83513/10-B02CW	YHM83513/10-B02CW
M83513/10-B03CN	YHM83513/10-B03CN
M83513/10-B03CP	YHM83513/10-B03CP
M83513/10-B03CT	YHM83513/10-B03CT
M83513/10-B03CW	YHM83513/10-B03CW
M83513/10-B01NN	YHM83513/10-B01NN
M83513/10-B01NP	YHM83513/10-B01NP

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/10

MIL Part Number	Yeonhab Part Number
M83513/10-B01NT	YHM83513/10-B01NT
M83513/10-B01NW	YHM83513/10-B01NW
M83513/10-B02NN	YHM83513/10-B02NN
M83513/10-B02NP	YHM83513/10-B02NP
M83513/10-B02NT	YHM83513/10-B02NT
M83513/10-B02NW	YHM83513/10-B02NW
M83513/10-B03NN	YHM83513/10-B03NN
M83513/10-B03NP	YHM83513/10-B03NP
M83513/10-B03NT	YHM83513/10-B03NT
M83513/10-B03NW	YHM83513/10-B03NW
M83513/10-C01CN	YHM83513/10-C01CN
M83513/10-C01CP	YHM83513/10-C01CP
M83513/10-C01CT	YHM83513/10-C01CT
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M83513/10-C03CN	YHM83513/10-C03CN
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M83513/10-C02NN	YHM83513/10-C02NN
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M83513/10-C03NN	YHM83513/10-C03NN
M83513/10-C03NP	YHM83513/10-C03NP
M83513/10-C03NT	YHM83513/10-C03NT
M83513/10-C03NW	YHM83513/10-C03NW
M83513/10-D01CN	YHM83513/10-D01CN
M83513/10-D01CP	YHM83513/10-D01CP
M83513/10-D01CT	YHM83513/10-D01CT
M83513/10-D01CW	YHM83513/10-D01CW
M83513/10-D02CN	YHM83513/10-D02CN
M83513/10-D02CP	YHM83513/10-D02CP
M83513/10-D02CT	YHM83513/10-D02CT
M83513/10-D02CW	YHM83513/10-D02CW
M83513/10-D03CN	YHM83513/10-D03CN
M83513/10-D03CP	YHM83513/10-D03CP
M83513/10-D03CT	YHM83513/10-D03CT
M83513/10-D03CW	YHM83513/10-D03CW
M83513/10-D01NN	YHM83513/10-D01NN
M83513/10-D01NP	YHM83513/10-D01NP
M83513/10-D01NT	YHM83513/10-D01NT
M83513/10-D01NW	YHM83513/10-D01NW
M83513/10-D02NN	YHM83513/10-D02NN
M83513/10-D02NP	YHM83513/10-D02NP
M83513/10-D02NT	YHM83513/10-D02NT

MIL Part Number	Yeonhab Part Number
M83513/10-D02NW	YHM83513/10-D02NW
M83513/10-D03NN	YHM83513/10-D03NN
M83513/10-D03NP	YHM83513/10-D03NP
M83513/10-D03NT	YHM83513/10-D03NT
M83513/10-D03NW	YHM83513/10-D03NW
M83513/10-E01CN	YHM83513/10-E01CN
M83513/10-E01CP	YHM83513/10-E01CP
M83513/10-E01CT	YHM83513/10-E01CT
M83513/10-E01CW	YHM83513/10-E01CW
M83513/10-E02CN	YHM83513/10-E02CN
M83513/10-E02CP	YHM83513/10-E02CP
M83513/10-E02CT	YHM83513/10-E02CT
M83513/10-E02CW	YHM83513/10-E02CW
M83513/10-E03CN	YHM83513/10-E03CN
M83513/10-E03CP	YHM83513/10-E03CP
M83513/10-E03CT	YHM83513/10-E03CT
M83513/10-E03CW	YHM83513/10-E03CW
M83513/10-E01NN	YHM83513/10-E01NN
M83513/10-E01NP	YHM83513/10-E01NP
M83513/10-E01NT	YHM83513/10-E01NT
M83513/10-E01NW	YHM83513/10-E01NW
M83513/10-E02NN	YHM83513/10-E02NN
M83513/10-E02NP	YHM83513/10-E02NP
M83513/10-E02NT	YHM83513/10-E02NT
M83513/10-E02NW	YHM83513/10-E02NW
M83513/10-E03NN	YHM83513/10-E03NN
M83513/10-E03NP	YHM83513/10-E03NP
M83513/10-E03NT	YHM83513/10-E03NT
M83513/10-E03NW	YHM83513/10-E03NW
M83513/10-F01CN	YHM83513/10-F01CN
M83513/10-F01CP	YHM83513/10-F01CP
M83513/10-F01CT	YHM83513/10-F01CT
M83513/10-F01CW	YHM83513/10-F01CW
M83513/10-F02CN	YHM83513/10-F02CN
M83513/10-F02CP	YHM83513/10-F02CP
M83513/10-F02CT	YHM83513/10-F02CT
M83513/10-F02CW	YHM83513/10-F02CW
M83513/10-F03CN	YHM83513/10-F03CN
M83513/10-F03CP	YHM83513/10-F03CP
M83513/10-F03CT	YHM83513/10-F03CT
M83513/10-F03CW	YHM83513/10-F03CW
M83513/10-F01NN	YHM83513/10-F01NN
M83513/10-F01NP	YHM83513/10-F01NP
M83513/10-F01NT	YHM83513/10-F01NT
M83513/10-F01NW	YHM83513/10-F01NW
M83513/10-F02NN	YHM83513/10-F02NN
M83513/10-F02NP	YHM83513/10-F02NP
M83513/10-F02NT	YHM83513/10-F02NT
M83513/10-F02NW	YHM83513/10-F02NW
M83513/10-F03NN	YHM83513/10-F03NN
M83513/10-F03NP	YHM83513/10-F03NP
M83513/10-F03NT	YHM83513/10-F03NT
M83513/10-F03NW	YHM83513/10-F03NW

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/11

MIL Part Number	Yeonhab Part Number
M83513/11-G01CN	YHM83513/11-G01CN
M83513/11-G01CP	YHM83513/11-G01CP
M83513/11-G01CT	YHM83513/11-G01CT
M83513/11-G01CW	YHM83513/11-G01CW
M83513/11-G02CN	YHM83513/11-G02CN
M83513/11-G02CP	YHM83513/11-G02CP
M83513/11-G02CT	YHM83513/11-G02CT
M83513/11-G02CW	YHM83513/11-G02CW
M83513/11-G03CN	YHM83513/11-G03CN
M83513/11-G03CP	YHM83513/11-G03CP
M83513/11-G03CT	YHM83513/11-G03CT
M83513/11-G03CW	YHM83513/11-G03CW

MIL Part Number	Yeonhab Part Number
M83513/11-G01NN	YHM83513/11-G01NN
M83513/11-G01NP	YHM83513/11-G01NP
M83513/11-G01NT	YHM83513/11-G01NT
M83513/11-G01NW	YHM83513/11-G01NW
M83513/11-G02NN	YHM83513/11-G02NN
M83513/11-G02NP	YHM83513/11-G02NP
M83513/11-G02NT	YHM83513/11-G02NT
M83513/11-G02NW	YHM83513/11-G02NW
M83513/11-G03NN	YHM83513/11-G03NN
M83513/11-G03NP	YHM83513/11-G03NP
M83513/11-G03NT	YHM83513/11-G03NT
M83513/11-G03NW	YHM83513/11-G03NW

- M83513/13

MIL Part Number	Yeonhab Part Number
M83513/13-A01CN	YHM83513/13-A01CN
M83513/13-A01CP	YHM83513/13-A01CP
M83513/13-A01CT	YHM83513/13-A01CT
M83513/13-A01CW	YHM83513/13-A01CW
M83513/13-A02CN	YHM83513/13-A02CN
M83513/13-A02CP	YHM83513/13-A02CP
M83513/13-A02CT	YHM83513/13-A02CT
M83513/13-A02CW	YHM83513/13-A02CW
M83513/13-A03CN	YHM83513/13-A03CN
M83513/13-A03CP	YHM83513/13-A03CP
M83513/13-A03CT	YHM83513/13-A03CT
M83513/13-A03CW	YHM83513/13-A03CW
M83513/13-A01NN	YHM83513/13-A01NN
M83513/13-A01NP	YHM83513/13-A01NP
M83513/13-A01NT	YHM83513/13-A01NT
M83513/13-A01NW	YHM83513/13-A01NW
M83513/13-A02NN	YHM83513/13-A02NN
M83513/13-A02NP	YHM83513/13-A02NP
M83513/13-A02NT	YHM83513/13-A02NT
M83513/13-A02NW	YHM83513/13-A02NW
M83513/13-A03NN	YHM83513/13-A03NN
M83513/13-A03NP	YHM83513/13-A03NP
M83513/13-A03NT	YHM83513/13-A03NT
M83513/13-A03NW	YHM83513/13-A03NW
M83513/13-B01CN	YHM83513/13-B01CN
M83513/13-B01CP	YHM83513/13-B01CP
M83513/13-B01CT	YHM83513/13-B01CT
M83513/13-B01CW	YHM83513/13-B01CW
M83513/13-B02CN	YHM83513/13-B02CN
M83513/13-B02CP	YHM83513/13-B02CP
M83513/13-B02CT	YHM83513/13-B02CT
M83513/13-B02CW	YHM83513/13-B02CW
M83513/13-B03CN	YHM83513/13-B03CN
M83513/13-B03CP	YHM83513/13-B03CP
M83513/13-B03CT	YHM83513/13-B03CT
M83513/13-B03CW	YHM83513/13-B03CW
M83513/13-B01NN	YHM83513/13-B01NN

MIL Part Number	Yeonhab Part Number
M83513/13-B01NP	YHM83513/13-B01NP
M83513/13-B01NT	YHM83513/13-B01NT
M83513/13-B01NW	YHM83513/13-B01NW
M83513/13-B02NN	YHM83513/13-B02NN
M83513/13-B02NP	YHM83513/13-B02NP
M83513/13-B02NT	YHM83513/13-B02NT
M83513/13-B02NW	YHM83513/13-B02NW
M83513/13-B03NN	YHM83513/13-B03NN
M83513/13-B03NP	YHM83513/13-B03NP
M83513/13-B03NT	YHM83513/13-B03NT
M83513/13-B03NW	YHM83513/13-B03NW
M83513/13-C01CN	YHM83513/13-C01CN
M83513/13-C01CP	YHM83513/13-C01CP
M83513/13-C01CT	YHM83513/13-C01CT
M83513/13-C01CW	YHM83513/13-C01CW
M83513/13-C02CN	YHM83513/13-C02CN
M83513/13-C02CP	YHM83513/13-C02CP
M83513/13-C02CT	YHM83513/13-C02CT
M83513/13-C02CW	YHM83513/13-C02CW
M83513/13-C03CN	YHM83513/13-C03CN
M83513/13-C03CP	YHM83513/13-C03CP
M83513/13-C03CT	YHM83513/13-C03CT
M83513/13-C03CW	YHM83513/13-C03CW
M83513/13-C01NN	YHM83513/13-C01NN
M83513/13-C01NP	YHM83513/13-C01NP
M83513/13-C01NT	YHM83513/13-C01NT
M83513/13-C01NW	YHM83513/13-C01NW
M83513/13-C02NN	YHM83513/13-C02NN
M83513/13-C02NP	YHM83513/13-C02NP
M83513/13-C02NT	YHM83513/13-C02NT
M83513/13-C02NW	YHM83513/13-C02NW
M83513/13-C03NN	YHM83513/13-C03NN
M83513/13-C03NP	YHM83513/13-C03NP
M83513/13-C03NT	YHM83513/13-C03NT
M83513/13-C03NW	YHM83513/13-C03NW
M83513/13-D01CN	YHM83513/13-D01CN
M83513/13-D01CP	YHM83513/13-D01CP

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/13

MIL Part Number	Yeonhab Part Number
M83513/13-D01CT	YHM83513/13-D01CT
M83513/13-D01CW	YHM83513/13-D01CW
M83513/13-D02CN	YHM83513/13-D02CN
M83513/13-D02CP	YHM83513/13-D02CP
M83513/13-D02CT	YHM83513/13-D02CT
M83513/13-D02CW	YHM83513/13-D02CW
M83513/13-D03CN	YHM83513/13-D03CN
M83513/13-D03CP	YHM83513/13-D03CP
M83513/13-D03CT	YHM83513/13-D03CT
M83513/13-D03CW	YHM83513/13-D03CW
M83513/13-D01NN	YHM83513/13-D01NN
M83513/13-D01NP	YHM83513/13-D01NP
M83513/13-D01NT	YHM83513/13-D01NT
M83513/13-D01NW	YHM83513/13-D01NW
M83513/13-D02NN	YHM83513/13-D02NN
M83513/13-D02NP	YHM83513/13-D02NP
M83513/13-D02NT	YHM83513/13-D02NT
M83513/13-D02NW	YHM83513/13-D02NW
M83513/13-D03NN	YHM83513/13-D03NN
M83513/13-D03NP	YHM83513/13-D03NP
M83513/13-D03NT	YHM83513/13-D03NT
M83513/13-D03NW	YHM83513/13-D03NW
M83513/13-E01CN	YHM83513/13-E01CN
M83513/13-E01CP	YHM83513/13-E01CP
M83513/13-E01CT	YHM83513/13-E01CT
M83513/13-E01CW	YHM83513/13-E01CW
M83513/13-E02CN	YHM83513/13-E02CN
M83513/13-E02CP	YHM83513/13-E02CP
M83513/13-E02CT	YHM83513/13-E02CT
M83513/13-E02CW	YHM83513/13-E02CW
M83513/13-E03CN	YHM83513/13-E03CN
M83513/13-E03CP	YHM83513/13-E03CP
M83513/13-E03CT	YHM83513/13-E03CT
M83513/13-E03CW	YHM83513/13-E03CW
M83513/13-E01NN	YHM83513/13-E01NN

MIL Part Number	Yeonhab Part Number
M83513/13-E01NP	YHM83513/13-E01NP
M83513/13-E01NT	YHM83513/13-E01NT
M83513/13-E01NW	YHM83513/13-E01NW
M83513/13-E02NN	YHM83513/13-E02NN
M83513/13-E02NP	YHM83513/13-E02NP
M83513/13-E02NT	YHM83513/13-E02NT
M83513/13-E02NW	YHM83513/13-E02NW
M83513/13-E03NN	YHM83513/13-E03NN
M83513/13-E03NP	YHM83513/13-E03NP
M83513/13-E03NT	YHM83513/13-E03NT
M83513/13-E03NW	YHM83513/13-E03NW
M83513/13-F01CN	YHM83513/13-F01CN
M83513/13-F01CP	YHM83513/13-F01CP
M83513/13-F01CT	YHM83513/13-F01CT
M83513/13-F01CW	YHM83513/13-F01CW
M83513/13-F02CN	YHM83513/13-F02CN
M83513/13-F02CP	YHM83513/13-F02CP
M83513/13-F02CT	YHM83513/13-F02CT
M83513/13-F02CW	YHM83513/13-F02CW
M83513/13-F03CN	YHM83513/13-F03CN
M83513/13-F03CP	YHM83513/13-F03CP
M83513/13-F03CT	YHM83513/13-F03CT
M83513/13-F03CW	YHM83513/13-F03CW
M83513/13-F01NN	YHM83513/13-F01NN
M83513/13-F01NP	YHM83513/13-F01NP
M83513/13-F01NT	YHM83513/13-F01NT
M83513/13-F01NW	YHM83513/13-F01NW
M83513/13-F02NN	YHM83513/13-F02NN
M83513/13-F02NP	YHM83513/13-F02NP
M83513/13-F02NT	YHM83513/13-F02NT
M83513/13-F02NW	YHM83513/13-F02NW
M83513/13-F03NN	YHM83513/13-F03NN
M83513/13-F03NP	YHM83513/13-F03NP
M83513/13-F03NT	YHM83513/13-F03NT
M83513/13-F03NW	YHM83513/13-F03NW

- M83513/14

MIL Part Number	Yeonhab Part Number
M83513/14-G01CN	YHM83513/14-G01CN
M83513/14-G01CP	YHM83513/14-G01CP
M83513/14-G01CT	YHM83513/14-G01CT
M83513/14-G01CW	YHM83513/14-G01CW
M83513/14-G02CN	YHM83513/14-G02CN
M83513/14-G02CP	YHM83513/14-G02CP
M83513/14-G02CT	YHM83513/14-G02CT
M83513/14-G02CW	YHM83513/14-G02CW
M83513/14-G03CN	YHM83513/14-G03CN
M83513/14-G03CP	YHM83513/14-G03CP
M83513/14-G03CT	YHM83513/14-G03CT
M83513/14-G03CW	YHM83513/14-G03CW

MIL Part Number	Yeonhab Part Number
M83513/14-G01NN	YHM83513/14-G01NN
M83513/14-G01NP	YHM83513/14-G01NP
M83513/14-G01NT	YHM83513/14-G01NT
M83513/14-G01NW	YHM83513/14-G01NW
M83513/14-G02NN	YHM83513/14-G02NN
M83513/14-G02NP	YHM83513/14-G02NP
M83513/14-G02NT	YHM83513/14-G02NT
M83513/14-G02NW	YHM83513/14-G02NW
M83513/14-G03NN	YHM83513/14-G03NN
M83513/14-G03NP	YHM83513/14-G03NP
M83513/14-G03NT	YHM83513/14-G03NT
M83513/14-G03NW	YHM83513/14-G03NW

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/28

MIL Part Number	Yeonhab Part Number
M83513/28-A01CN	YHM83513/28-A01CN
M83513/28-A01CP	YHM83513/28-A01CP
M83513/28-A01CT	YHM83513/28-A01CT
M83513/28-A01CW	YHM83513/28-A01CW
M83513/28-A02CN	YHM83513/28-A02CN
M83513/28-A02CP	YHM83513/28-A02CP
M83513/28-A02CT	YHM83513/28-A02CT
M83513/28-A02CW	YHM83513/28-A02CW
M83513/28-A03CN	YHM83513/28-A03CN
M83513/28-A03CP	YHM83513/28-A03CP
M83513/28-A03CT	YHM83513/28-A03CT
M83513/28-A03CW	YHM83513/28-A03CW
M83513/28-A01NN	YHM83513/28-A01NN
M83513/28-A01NP	YHM83513/28-A01NP
M83513/28-A01NT	YHM83513/28-A01NT
M83513/28-A01NW	YHM83513/28-A01NW
M83513/28-A02NN	YHM83513/28-A02NN
M83513/28-A02NP	YHM83513/28-A02NP
M83513/28-A02NT	YHM83513/28-A02NT
M83513/28-A02NW	YHM83513/28-A02NW
M83513/28-A03NN	YHM83513/28-A03NN
M83513/28-A03NP	YHM83513/28-A03NP
M83513/28-A03NT	YHM83513/28-A03NT
M83513/28-A03NW	YHM83513/28-A03NW
M83513/28-B01CN	YHM83513/28-B01CN
M83513/28-B01CP	YHM83513/28-B01CP
M83513/28-B01CT	YHM83513/28-B01CT
M83513/28-B01CW	YHM83513/28-B01CW
M83513/28-B02CN	YHM83513/28-B02CN
M83513/28-B02CP	YHM83513/28-B02CP
M83513/28-B02CT	YHM83513/28-B02CT
M83513/28-B02CW	YHM83513/28-B02CW
M83513/28-B03CN	YHM83513/28-B03CN
M83513/28-B03CP	YHM83513/28-B03CP
M83513/28-B03CT	YHM83513/28-B03CT
M83513/28-B03CW	YHM83513/28-B03CW
M83513/28-B01NN	YHM83513/28-B01NN
M83513/28-B01NP	YHM83513/28-B01NP
M83513/28-B01NT	YHM83513/28-B01NT
M83513/28-B01NW	YHM83513/28-B01NW
M83513/28-B02NN	YHM83513/28-B02NN
M83513/28-B02NP	YHM83513/28-B02NP
M83513/28-B02NT	YHM83513/28-B02NT
M83513/28-B02NW	YHM83513/28-B02NW
M83513/28-B03NN	YHM83513/28-B03NN
M83513/28-B03NP	YHM83513/28-B03NP
M83513/28-B03NT	YHM83513/28-B03NT
M83513/28-B03NW	YHM83513/28-B03NW
M83513/28-C01CN	YHM83513/28-C01CN
M83513/28-C01CP	YHM83513/28-C01CP
M83513/28-C01CT	YHM83513/28-C01CT
M83513/28-C01CW	YHM83513/28-C01CW
M83513/28-C02CN	YHM83513/28-C02CN

MIL Part Number	Yeonhab Part Number
M83513/28-C02CP	YHM83513/28-C02CP
M83513/28-C02CT	YHM83513/28-C02CT
M83513/28-C02CW	YHM83513/28-C02CW
M83513/28-C03CN	YHM83513/28-C03CN
M83513/28-C03CP	YHM83513/28-C03CP
M83513/28-C03CT	YHM83513/28-C03CT
M83513/28-C03CW	YHM83513/28-C03CW
M83513/28-C01NN	YHM83513/28-C01NN
M83513/28-C01NP	YHM83513/28-C01NP
M83513/28-C01NT	YHM83513/28-C01NT
M83513/28-C01NW	YHM83513/28-C01NW
M83513/28-C02NN	YHM83513/28-C02NN
M83513/28-C02NP	YHM83513/28-C02NP
M83513/28-C02NT	YHM83513/28-C02NT
M83513/28-C02NW	YHM83513/28-C02NW
M83513/28-C03NN	YHM83513/28-C03NN
M83513/28-C03NP	YHM83513/28-C03NP
M83513/28-C03NT	YHM83513/28-C03NT
M83513/28-C03NW	YHM83513/28-C03NW
M83513/28-D01CN	YHM83513/28-D01CN
M83513/28-D01CP	YHM83513/28-D01CP
M83513/28-D01CT	YHM83513/28-D01CT
M83513/28-D01CW	YHM83513/28-D01CW
M83513/28-D02CN	YHM83513/28-D02CN
M83513/28-D02CP	YHM83513/28-D02CP
M83513/28-D02CT	YHM83513/28-D02CT
M83513/28-D02CW	YHM83513/28-D02CW
M83513/28-D03CN	YHM83513/28-D03CN
M83513/28-D03CP	YHM83513/28-D03CP
M83513/28-D03CT	YHM83513/28-D03CT
M83513/28-D03CW	YHM83513/28-D03CW
M83513/28-D01NN	YHM83513/28-D01NN
M83513/28-D01NP	YHM83513/28-D01NP
M83513/28-D01NT	YHM83513/28-D01NT
M83513/28-D01NW	YHM83513/28-D01NW
M83513/28-D02NN	YHM83513/28-D02NN
M83513/28-D02NP	YHM83513/28-D02NP
M83513/28-D02NT	YHM83513/28-D02NT
M83513/28-D02NW	YHM83513/28-D02NW
M83513/28-D03NN	YHM83513/28-D03NN
M83513/28-D03NP	YHM83513/28-D03NP
M83513/28-D03NT	YHM83513/28-D03NT
M83513/28-D03NW	YHM83513/28-D03NW
M83513/28-E01CN	YHM83513/28-E01CN
M83513/28-E01CP	YHM83513/28-E01CP
M83513/28-E01CT	YHM83513/28-E01CT
M83513/28-E01CW	YHM83513/28-E01CW
M83513/28-E02CN	YHM83513/28-E02CN
M83513/28-E02CP	YHM83513/28-E02CP
M83513/28-E02CT	YHM83513/28-E02CT
M83513/28-E02CW	YHM83513/28-E02CW
M83513/28-E03CN	YHM83513/28-E03CN
M83513/28-E03CP	YHM83513/28-E03CP

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/28

MIL Part Number	Yeonhab Part Number
M83513/28-E03CT	YHM83513/28-E03CT
M83513/28-E03CW	YHM83513/28-E03CW
M83513/28-E01NN	YHM83513/28-E01NN
M83513/28-E01NP	YHM83513/28-E01NP
M83513/28-E01NT	YHM83513/28-E01NT
M83513/28-E01NW	YHM83513/28-E01NW
M83513/28-E02NN	YHM83513/28-E02NN
M83513/28-E02NP	YHM83513/28-E02NP
M83513/28-E02NT	YHM83513/28-E02NT
M83513/28-E02NW	YHM83513/28-E02NW
M83513/28-E03NN	YHM83513/28-E03NN
M83513/28-E03NP	YHM83513/28-E03NP
M83513/28-E03NT	YHM83513/28-E03NT
M83513/28-E03NW	YHM83513/28-E03NW
M83513/28-F01CN	YHM83513/28-F01CN
M83513/28-F01CP	YHM83513/28-F01CP
M83513/28-F01CT	YHM83513/28-F01CT
M83513/28-F01CW	YHM83513/28-F01CW
M83513/28-F02CN	YHM83513/28-F02CN

MIL Part Number	Yeonhab Part Number
M83513/28-F02CP	YHM83513/28-F02CP
M83513/28-F02CT	YHM83513/28-F02CT
M83513/28-F02CW	YHM83513/28-F02CW
M83513/28-F03CN	YHM83513/28-F03CN
M83513/28-F03CP	YHM83513/28-F03CP
M83513/28-F03CT	YHM83513/28-F03CT
M83513/28-F03CW	YHM83513/28-F03CW
M83513/28-F01NN	YHM83513/28-F01NN
M83513/28-F01NP	YHM83513/28-F01NP
M83513/28-F01NT	YHM83513/28-F01NT
M83513/28-F01NW	YHM83513/28-F01NW
M83513/28-F02NN	YHM83513/28-F02NN
M83513/28-F02NP	YHM83513/28-F02NP
M83513/28-F02NT	YHM83513/28-F02NT
M83513/28-F02NW	YHM83513/28-F02NW
M83513/28-F03NN	YHM83513/28-F03NN
M83513/28-F03NP	YHM83513/28-F03NP
M83513/28-F03NT	YHM83513/28-F03NT
M83513/28-F03NW	YHM83513/28-F03NW

- M83513/29

MIL Part Number	Yeonhab Part Number
M83513/29-G01CN	YHM83513/29-G01CN
M83513/29-G01CP	YHM83513/29-G01CP
M83513/29-G01CT	YHM83513/29-G01CT
M83513/29-G01CW	YHM83513/29-G01CW
M83513/29-G02CN	YHM83513/29-G02CN
M83513/29-G02CP	YHM83513/29-G02CP
M83513/29-G02CT	YHM83513/29-G02CT
M83513/29-G02CW	YHM83513/29-G02CW
M83513/29-G03CN	YHM83513/29-G03CN
M83513/29-G03CP	YHM83513/29-G03CP
M83513/29-G03CT	YHM83513/29-G03CT
M83513/29-G03CW	YHM83513/29-G03CW

MIL Part Number	Yeonhab Part Number
M83513/29-G01NN	YHM83513/29-G01NN
M83513/29-G01NP	YHM83513/29-G01NP
M83513/29-G01NT	YHM83513/29-G01NT
M83513/29-G01NW	YHM83513/29-G01NW
M83513/29-G02NN	YHM83513/29-G02NN
M83513/29-G02NP	YHM83513/29-G02NP
M83513/29-G02NT	YHM83513/29-G02NT
M83513/29-G02NW	YHM83513/29-G02NW
M83513/29-G03NN	YHM83513/29-G03NN
M83513/29-G03NP	YHM83513/29-G03NP
M83513/29-G03NT	YHM83513/29-G03NT
M83513/29-G03NW	YHM83513/29-G03NW

- M83513/31

MIL Part Number	Yeonhab Part Number
M83513/31-A01CN	YHM83513/31-A01CN
M83513/31-A01CP	YHM83513/31-A01CP
M83513/31-A01CT	YHM83513/31-A01CT
M83513/31-A01CW	YHM83513/31-A01CW
M83513/31-A02CN	YHM83513/31-A02CN
M83513/31-A02CP	YHM83513/31-A02CP
M83513/31-A02CT	YHM83513/31-A02CT
M83513/31-A02CW	YHM83513/31-A02CW
M83513/31-A03CN	YHM83513/31-A03CN
M83513/31-A03CP	YHM83513/31-A03CP
M83513/31-A03CT	YHM83513/31-A03CT
M83513/31-A03CW	YHM83513/31-A03CW

MIL Part Number	Yeonhab Part Number
M83513/31-A01NN	YHM83513/31-A01NN
M83513/31-A01NP	YHM83513/31-A01NP
M83513/31-A01NT	YHM83513/31-A01NT
M83513/31-A01NW	YHM83513/31-A01NW
M83513/31-A02NN	YHM83513/31-A02NN
M83513/31-A02NP	YHM83513/31-A02NP
M83513/31-A02NT	YHM83513/31-A02NT
M83513/31-A02NW	YHM83513/31-A02NW
M83513/31-A03NN	YHM83513/31-A03NN
M83513/31-A03NP	YHM83513/31-A03NP
M83513/31-A03NT	YHM83513/31-A03NT
M83513/31-A03NW	YHM83513/31-A03NW

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/31

MIL Part Number	Yeonhab Part Number
M83513/31-B01CN	YHM83513/31-B01CN
M83513/31-B01CP	YHM83513/31-B01CP
M83513/31-B01CT	YHM83513/31-B01CT
M83513/31-B01CW	YHM83513/31-B01CW
M83513/31-B02CN	YHM83513/31-B02CN
M83513/31-B02CP	YHM83513/31-B02CP
M83513/31-B02CT	YHM83513/31-B02CT
M83513/31-B02CW	YHM83513/31-B02CW
M83513/31-B03CN	YHM83513/31-B03CN
M83513/31-B03CP	YHM83513/31-B03CP
M83513/31-B03CT	YHM83513/31-B03CT
M83513/31-B03CW	YHM83513/31-B03CW
M83513/31-B01NN	YHM83513/31-B01NN
M83513/31-B01NP	YHM83513/31-B01NP
M83513/31-B01NT	YHM83513/31-B01NT
M83513/31-B01NW	YHM83513/31-B01NW
M83513/31-B02NN	YHM83513/31-B02NN
M83513/31-B02NP	YHM83513/31-B02NP
M83513/31-B02NT	YHM83513/31-B02NT
M83513/31-B02NW	YHM83513/31-B02NW
M83513/31-B03NN	YHM83513/31-B03NN
M83513/31-B03NP	YHM83513/31-B03NP
M83513/31-B03NT	YHM83513/31-B03NT
M83513/31-B03NW	YHM83513/31-B03NW
M83513/31-C01CN	YHM83513/31-C01CN
M83513/31-C01CP	YHM83513/31-C01CP
M83513/31-C01CT	YHM83513/31-C01CT
M83513/31-C01CW	YHM83513/31-C01CW
M83513/31-C02CN	YHM83513/31-C02CN
M83513/31-C02CP	YHM83513/31-C02CP
M83513/31-C02CT	YHM83513/31-C02CT
M83513/31-C02CW	YHM83513/31-C02CW
M83513/31-C03CN	YHM83513/31-C03CN
M83513/31-C03CP	YHM83513/31-C03CP
M83513/31-C03CT	YHM83513/31-C03CT
M83513/31-C03CW	YHM83513/31-C03CW
M83513/31-C01NN	YHM83513/31-C01NN
M83513/31-C01NP	YHM83513/31-C01NP
M83513/31-C01NT	YHM83513/31-C01NT
M83513/31-C01NW	YHM83513/31-C01NW
M83513/31-C02NN	YHM83513/31-C02NN
M83513/31-C02NP	YHM83513/31-C02NP
M83513/31-C02NT	YHM83513/31-C02NT
M83513/31-C02NW	YHM83513/31-C02NW
M83513/31-C03NN	YHM83513/31-C03NN
M83513/31-C03NP	YHM83513/31-C03NP
M83513/31-C03NT	YHM83513/31-C03NT
M83513/31-C03NW	YHM83513/31-C03NW
M83513/31-D01CN	YHM83513/31-D01CN
M83513/31-D01CP	YHM83513/31-D01CP
M83513/31-D01CT	YHM83513/31-D01CT
M83513/31-D01CW	YHM83513/31-D01CW
M83513/31-D02CN	YHM83513/31-D02CN

MIL Part Number	Yeonhab Part Number
M83513/31-D02CP	YHM83513/31-D02CP
M83513/31-D02CT	YHM83513/31-D02CT
M83513/31-D02CW	YHM83513/31-D02CW
M83513/31-D03CN	YHM83513/31-D03CN
M83513/31-D03CP	YHM83513/31-D03CP
M83513/31-D03CT	YHM83513/31-D03CT
M83513/31-D03CW	YHM83513/31-D03CW
M83513/31-D01NN	YHM83513/31-D01NN
M83513/31-D01NP	YHM83513/31-D01NP
M83513/31-D01NT	YHM83513/31-D01NT
M83513/31-D01NW	YHM83513/31-D01NW
M83513/31-D02NN	YHM83513/31-D02NN
M83513/31-D02NP	YHM83513/31-D02NP
M83513/31-D02NT	YHM83513/31-D02NT
M83513/31-D02NW	YHM83513/31-D02NW
M83513/31-D03NN	YHM83513/31-D03NN
M83513/31-D03NP	YHM83513/31-D03NP
M83513/31-D03NT	YHM83513/31-D03NT
M83513/31-D03NW	YHM83513/31-D03NW
M83513/31-E01CN	YHM83513/31-E01CN
M83513/31-E01CP	YHM83513/31-E01CP
M83513/31-E01CT	YHM83513/31-E01CT
M83513/31-E01CW	YHM83513/31-E01CW
M83513/31-E02CN	YHM83513/31-E02CN
M83513/31-E02CP	YHM83513/31-E02CP
M83513/31-E02CT	YHM83513/31-E02CT
M83513/31-E02CW	YHM83513/31-E02CW
M83513/31-E03CN	YHM83513/31-E03CN
M83513/31-E03CP	YHM83513/31-E03CP
M83513/31-E03CT	YHM83513/31-E03CT
M83513/31-E03CW	YHM83513/31-E03CW
M83513/31-E01NN	YHM83513/31-E01NN
M83513/31-E01NP	YHM83513/31-E01NP
M83513/31-E01NT	YHM83513/31-E01NT
M83513/31-E01NW	YHM83513/31-E01NW
M83513/31-E02NN	YHM83513/31-E02NN
M83513/31-E02NP	YHM83513/31-E02NP
M83513/31-E02NT	YHM83513/31-E02NT
M83513/31-E02NW	YHM83513/31-E02NW
M83513/31-E03NN	YHM83513/31-E03NN
M83513/31-E03NP	YHM83513/31-E03NP
M83513/31-E03NT	YHM83513/31-E03NT
M83513/31-E03NW	YHM83513/31-E03NW
M83513/31-F01CN	YHM83513/31-F01CN
M83513/31-F01CP	YHM83513/31-F01CP
M83513/31-F01CT	YHM83513/31-F01CT
M83513/31-F01CW	YHM83513/31-F01CW
M83513/31-F02CN	YHM83513/31-F02CN
M83513/31-F02CP	YHM83513/31-F02CP
M83513/31-F02CT	YHM83513/31-F02CT
M83513/31-F02CW	YHM83513/31-F02CW
M83513/31-F03CN	YHM83513/31-F03CN
M83513/31-F03CP	YHM83513/31-F03CP

5. QPL certification

QPL certification List

◇ Military cross reference part number

- M83513/31

MIL Part Number	Yeonhab Part Number
M83513/31-F03CT	YHM83513/31-F03CT
M83513/31-F03CW	YHM83513/31-F03CW
M83513/31-F01NN	YHM83513/31-F01NN
M83513/31-F01NP	YHM83513/31-F01NP
M83513/31-F01NT	YHM83513/31-F01NT
M83513/31-F01NW	YHM83513/31-F01NW
M83513/31-F02NN	YHM83513/31-F02NN

MIL Part Number	Yeonhab Part Number
M83513/31-F02NP	YHM83513/31-F02NP
M83513/31-F02NT	YHM83513/31-F02NT
M83513/31-F02NW	YHM83513/31-F02NW
M83513/31-F03NN	YHM83513/31-F03NN
M83513/31-F03NP	YHM83513/31-F03NP
M83513/31-F03NT	YHM83513/31-F03NT
M83513/31-F03NW	YHM83513/31-F03NW

- M83513/32

MIL Part Number	Yeonhab Part Number
M83513/32-G01CN	YHM83513/32-G01CN
M83513/32-G01CP	YHM83513/32-G01CP
M83513/32-G01CT	YHM83513/32-G01CT
M83513/32-G01CW	YHM83513/32-G01CW
M83513/32-G02CN	YHM83513/32-G02CN
M83513/32-G02CP	YHM83513/32-G02CP
M83513/32-G02CT	YHM83513/32-G02CT
M83513/32-G02CW	YHM83513/32-G02CW
M83513/32-G03CN	YHM83513/32-G03CN
M83513/32-G03CP	YHM83513/32-G03CP
M83513/32-G03CT	YHM83513/32-G03CT
M83513/32-G03CW	YHM83513/32-G03CW

MIL Part Number	Yeonhab Part Number
M83513/32-G01NN	YHM83513/32-G01NN
M83513/32-G01NP	YHM83513/32-G01NP
M83513/32-G01NT	YHM83513/32-G01NT
M83513/32-G01NW	YHM83513/32-G01NW
M83513/32-G02NN	YHM83513/32-G02NN
M83513/32-G02NP	YHM83513/32-G02NP
M83513/32-G02NT	YHM83513/32-G02NT
M83513/32-G02NW	YHM83513/32-G02NW
M83513/32-G03NN	YHM83513/32-G03NN
M83513/32-G03NP	YHM83513/32-G03NP
M83513/32-G03NT	YHM83513/32-G03NT
M83513/32-G03NW	YHM83513/32-G03NW