SuperNine® RJ45 CAT 5e/6A connectors

233-300 Coupler with accessory threads

MIL-DTL-38999 Series III Type

Plug
Front View

Receptacle
Front View

Receptacle
Rear View

Material and Finish[1]	
NF	Aluminum/Cadmium, Olive Drab
ME	Aluminum/Electroless Nickel
MT	Aluminum/Nickel PTFE
ZR	Aluminum/Black Zinc-Nickel

E

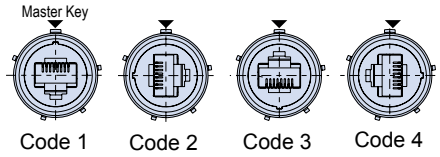
NOTES

1. See Section A for alternate key/ keyway positions and panel cutout dimensions
2. G option is inline shielded and grounded to shell, available for receptacle only
3. Front panel mount only
4. Meets IP67 in unmated condition, IP68 mated
5. For shrink boot see part number 770-028
6. Receptacle has RJ45 jack. Plug has RJ45 plug to jack

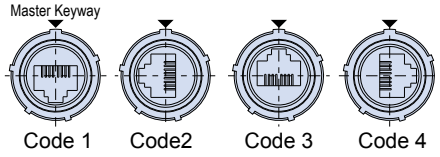
Part Number Development									
Sample Part Number	**233-300**	**NF**	**00**	**G**	**17**	**5H**	**N**	**1**	**T**
Basic Number	**233-300**								
Finish	See Material and Finish table								
Connector Style[1]	See Connector Style table								
Insert-to-Shell Grounding	**–** = Inline shielded RJ45 insert **G** = Shielded and grounded to shell[2]								
Shell Size	**17** or **19**								
RJ45 Category	**5H** = CAT 5e **6A** = CAT 6A (CAT 6A receptacle only, for plug see 233-312)								
Alternate Key Position[1]	Per MIL-DTL-38999 **A**, **B**, **C**, **D**, **E**, **N** = **Normal**								
RJ45 Orientation	**1**, **2**, **3**, or **4**								
Shrink Boot	**T** = Part No. 770-028; see accessory section. (Omit for None)								

Connector Style[1]	
00	Wall mount receptacle with slotted holes[3]
01	Wall mount receptacle with slotted holes and metal cable gland
05	Inline Receptacle
07	rear panel mount, jam nut receptacle
08	In-line receptacle with metal cable gland
D0	Wall mount receptacle with round holes
D1	Wall mount receptacle with round holes and metal gland
CM	Wall mount receptacle with metric clinch nuts
CG	Wall mount receptacle with metric clinch nuts and metal gland
CS	Wall Mount Receptacle with standard clinch nuts
G6	plug
G7	Plug with metal cable gland[5]
G9	Plug with metal cable gland[5]

RJ45 Orientation Options (Plug Face)



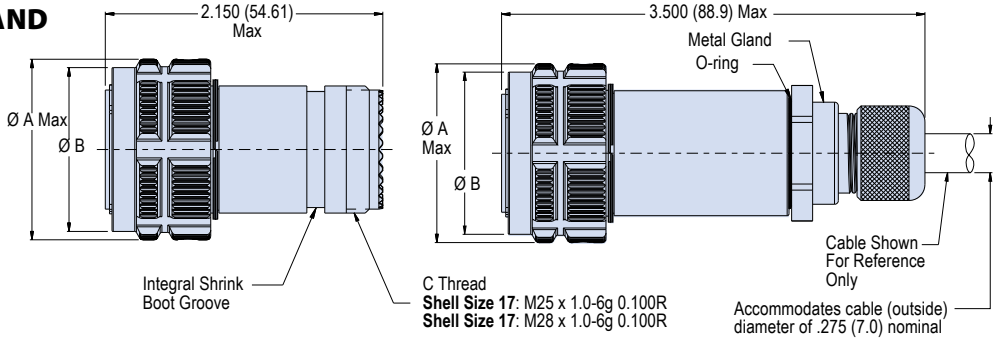
RJ45 Orientation Options (Receptacle Face)



All external dimensions, features, etc. compliant with D38999/20, /24, &/26. Consult factory for additional information.

G6 - PLUG WITH INTEGRAL SHRINK BOOT
G7 - PLUG WITH METAL GLAND

G6 and G7 - plug Dimensions				
Shell Size	A Dia Max		B Dia	
	in	mm	in	mm
17	1.406	35.71	1.276 1.268	32.41 32.21
19	1.516	38.51	1.382 1.374	35.10 34.90



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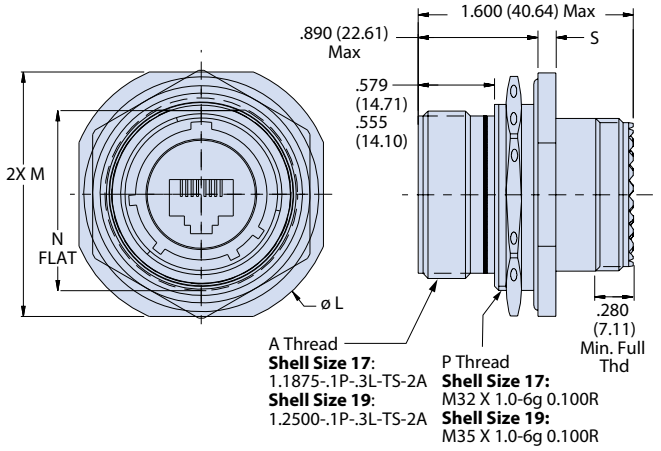
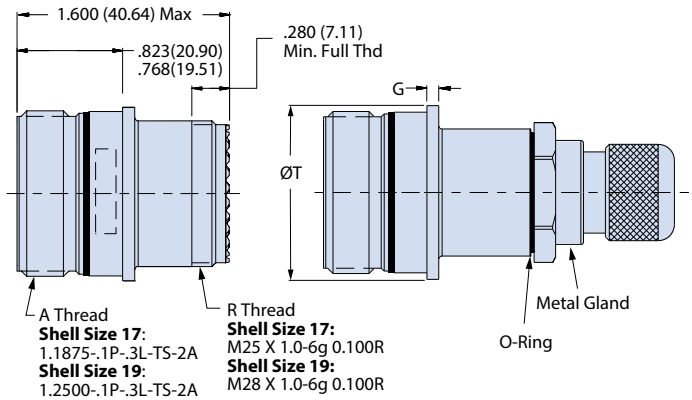
07 - REAR PANEL MOUNT JAM NUT AND 05 OR 08 - INLINE RECEPTACLES



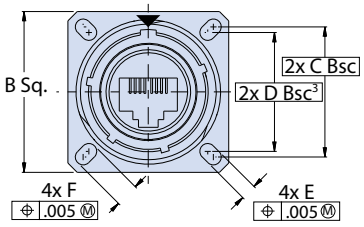
07 Jam Nut Receptacle (mating face and side view)



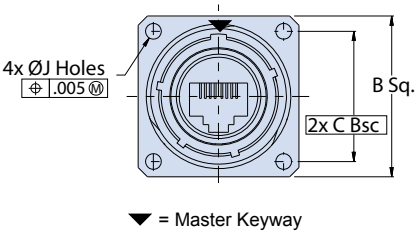
05 Inline with Acceesory Threads and 08 Inline with Metal Gland (side view only)

00, 01, DO, D1, CM AND CG - WALL MOUNT RECEPTACLES WITH ACCESSSORY THREADS OR METAL GLAND

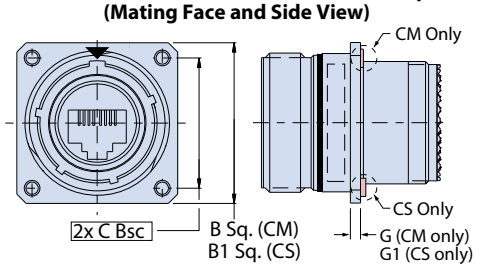
00, 01 - Wall Mount Receptacle with Slotted Holes (Mating Face)



D0, D1 - Wall Mount Receptacle with Round Holes (Mating Face)

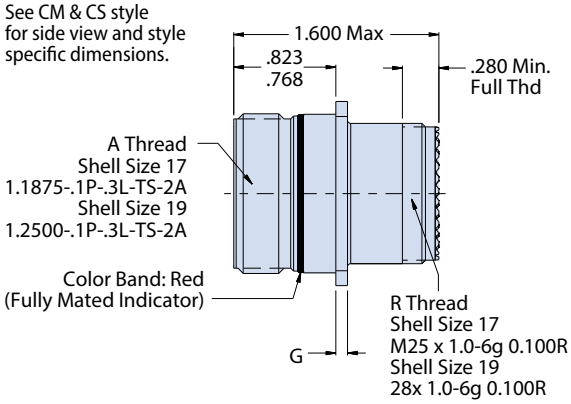


CM Metric and CS Standard - Wall Mount Receptacles (Mating Face and Side View)

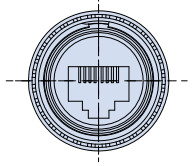


Note:
See CM & CS style for side view and style specific dimensions.

00, D0, CM - Wall Mount Receptacle

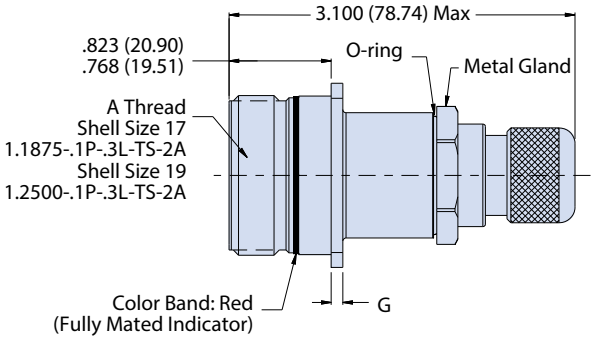


Rear View



For all 233-300 plug and receptacle styles. Position rotates relative to Code (Code 1 shown)

01, D1, CG - Wall Mount Receptacle with Metal Gland



Jam Nut and Inline Receptacle Dimensions					
Shell Size	ØL	M	N	S	ØT Max
17	1.764 (44.81) 1.740 (44.20)	1.642 (41.71) 1.610 (40.89)	1.191 (30.25) 1.181 (30.00)	.122 (3.09) .083 (2.11)	1.275 (32.39)
19	1.949 (49.50) 1.925 (48.90)	1.827 (46.41) 1.795 (45.59)	1.316 (33.43) 1.306 (33.17)	.153 (3.89) .114 (2.90)	1.337 (33.96)

Wall Mount Receptacle Dimensions									
Shell Size	B Sq	B1 Sq	C Bsc	D Bsc[3]	E	F	G	G1	ØJ Holes
17	1.323 (33.60) 1.299 (32.99)	1.437 (34.50) 1.397 (35.48)	1.062 (26.97)	.969(24.61)	.136 (3.45)	.202 (5.13)	.098 (2.49)	.122 (3.10) .083 (.58)	.136 (3.45)
19	1.449 (36.80) 1.425 (36.20)	1.531 (38.89) 1.491 (37.87)	1.156 (29.36)	1.062 (26.97)	.120 (3.05)	.186 (4.72)	.083 (2.11)	.153 (3.89) .144 (3.66)	.120 (3.05)

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
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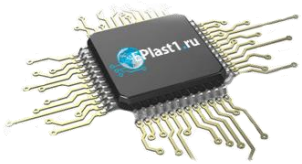

Как с нами связаться

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