



USB 2.0 TYPE A CONNECTORS

MIL-DTL-38999 Series III Type Connectors



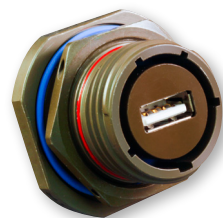
233-340 Couplers with accessory threads



Plug
Front View



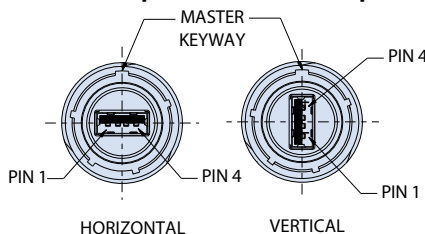
Square Flange
Receptacle
Front View



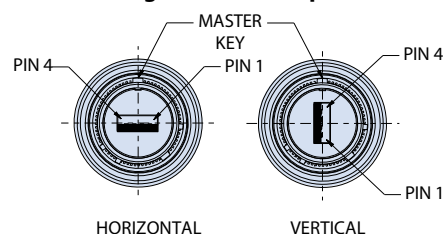
Jam Nut Receptacle
Front View

Part Number Development										
Sample Part Number	233-340	NF	00	-15	2	A	A	N	H	T
Basic Number	233-340									
Finish	See Material and Finish table									
Connector Style ¹	See Connector Style table									
Shell Size	15									
USB Performance	2 = USB 2.0									
USB Front Interface	A = Type A									
USB Back Interface	A = Type A									
Alternate Key Position ¹	A, B, C, D, E, N = Normal per MIL-DTL-38999									
USB Orientation	H = Horizontal V = Vertical									
Shrink Boot	T = Part No. 770-028 (Omit for None)									

USB Receptacle Orientation Options



USB Plug Orientation Options



Material and Finish

NF	Aluminum/Cadmium, Olive Drab
M	Aluminum/Electroless Nickel
MT	Aluminum/Nickel PTFE
ZR	Aluminum/Black Zinc-Nickel

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

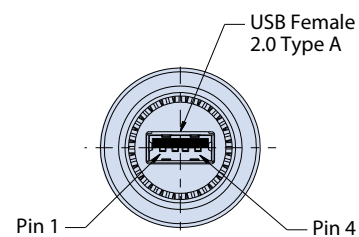
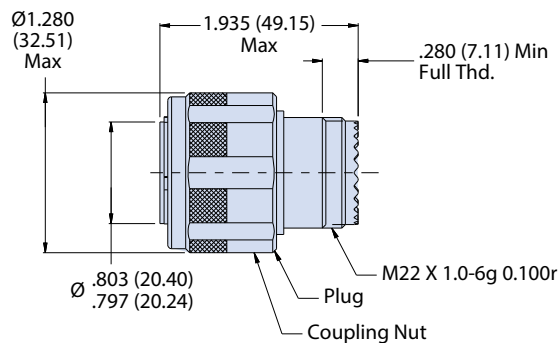
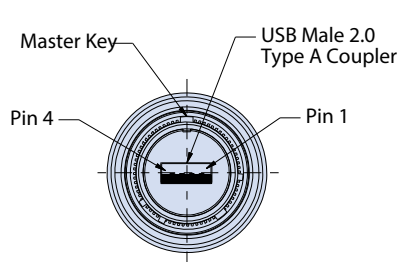
Connector Style

G6	Plug
07	Rear panel mount, jam nut receptacle
00	Wall mount receptacle with slotted holes
D0	Wall mount receptacle with round holes
CM	Wall mount receptacle with metric clinch nuts

USB 2.0 Wiring

Pin	Name	Cable Color (USB)	Description	Recommended Wire Sizes (AWG)
1	(V Bus)	Red	+5 V	22
2	(D-)	White	Data -	28
3	(D+)	Green	Data +	28
4	(GND)	Black	Ground	22

G6 - PLUG WITH ACCESSORY THREADS





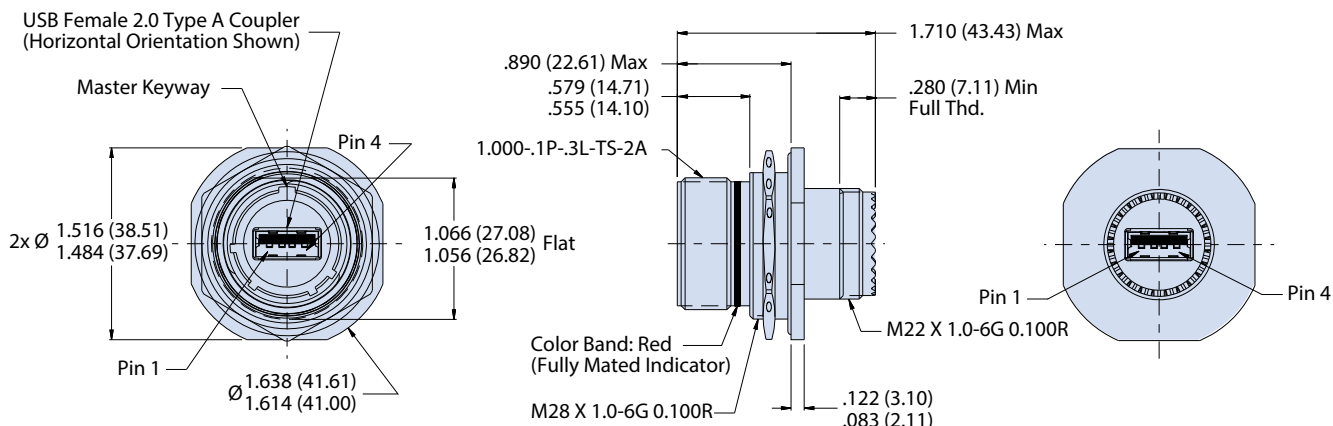
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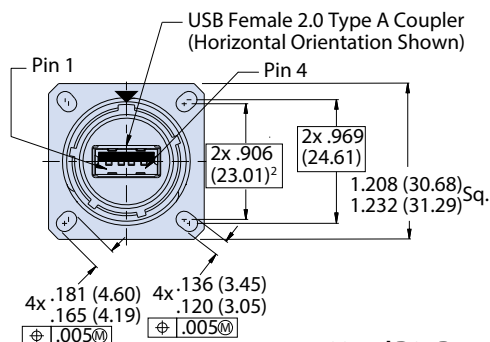
233-340 Couplers with accessory threads

07 - REAR PANEL MOUNT, JAM NUT RECEPTACLE WITH ACCESSORY THREADS

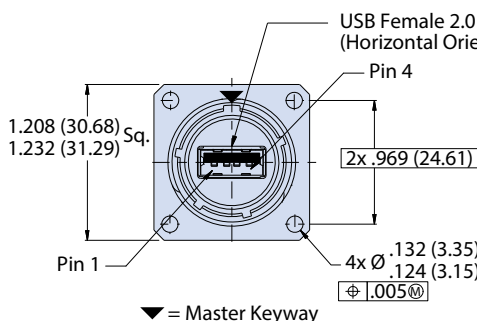


00, DO AND CM - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS

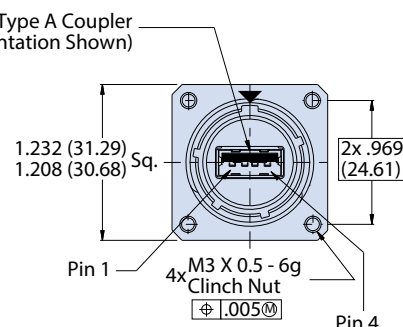
00 - Slotted Hole Receptacle Face View



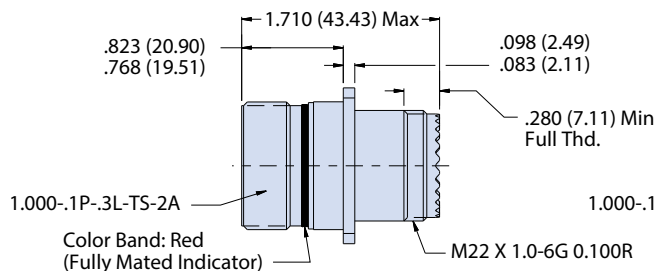
DO - Round Hole Receptacle Face View



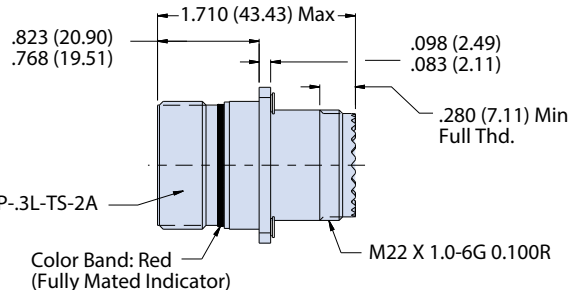
CM - Clinch Hole Receptacle Face View



00 and DO - Receptacle Side View



CM - Receptacle Side View



NOTES

- See Section A for alternate key/keyway positions and panel cutout dimensions
- Meets IP67 in unmated condition, IP68 mated
- Receptacle has USB female receptacle, plug has USB male plug

- Material and Finish
 - Shell, jam nut: al alloy
 - Insulators: high grade rigid dielectric/ n.a.
 - Contacts: copper alloy, gold plated
 - Seals: silicone based elastomer

- USB (shell/contacts): copper alloy
- Dielectric: hi-temp thermoplastic PA9T UL94V-0
- Hardware: stainless steel /passivated