



USB 2.0 TYPE A

MIL-DTL-38999 Series III Type Connectors



233-340 Coupler with Accessory Threads and USB
Male-to-Female (Plug) or Female-to-Female (Receptacle)



Plug
Front View



Square Flange
Receptacle
Front View



Jam Nut Receptacle
Front View

How to Order										
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)									

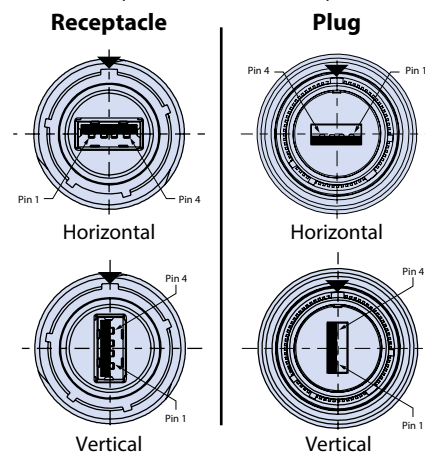
Connector Style	
G6	Plug
07	Rear panel mount, jam nut receptacle
00	Wall mount receptacle with slotted holes ²
D0	Wall mount receptacle with round holes
CM	Wall mount receptacle with metric clinch nuts

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.

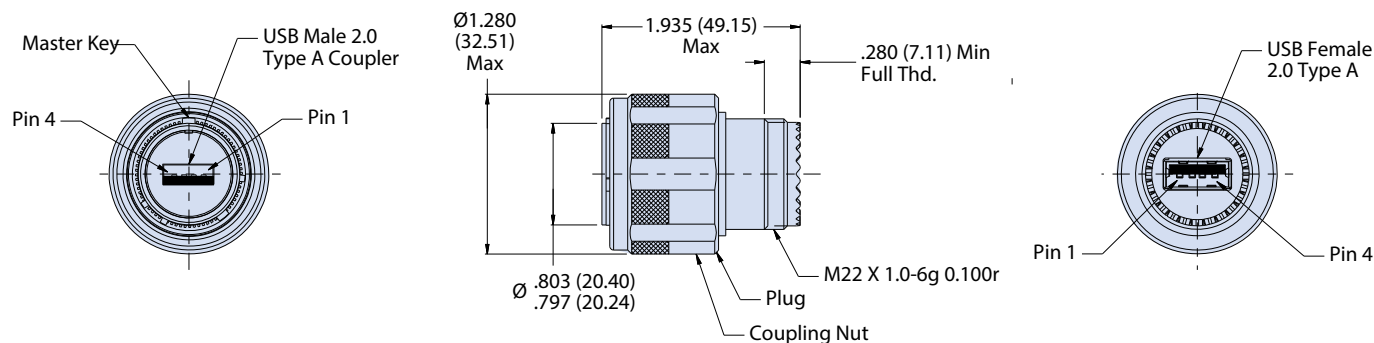
USB 2.0 Wiring				
Pin	Name	Cable Color (USB)	Description	Recommended Wire Sizes (AWG)
1	(V Bus)	Red	+5 V	22
2	(D-)	White	Data -	28
3	(D+)	Green	Data +	28
4	(GND)	Black	Ground	22

USB Orientation Options
(Partial Views Shown)



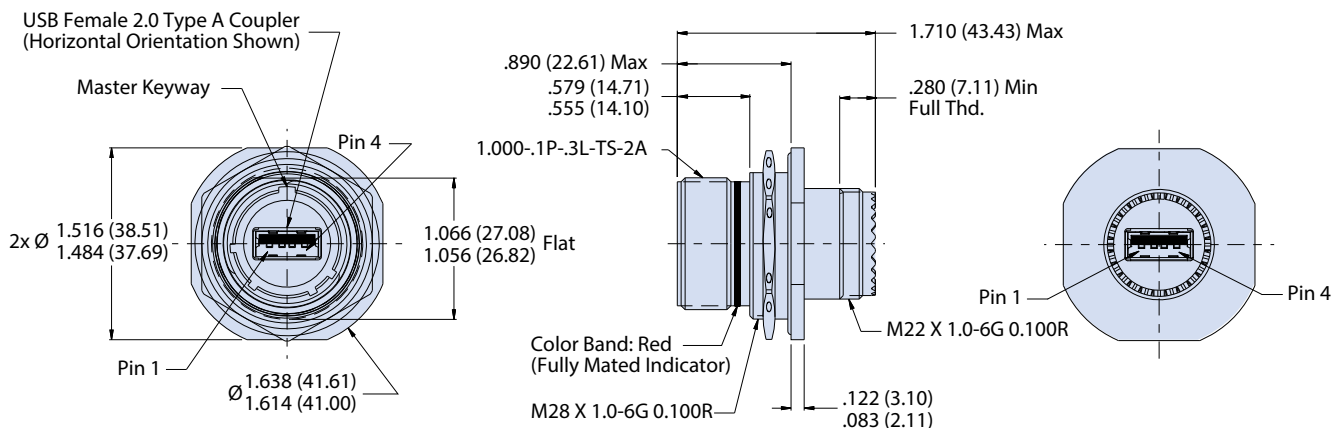
▼ = Master Keyway (receptacle) or Key (plug)

G6 - PLUG WITH ACCESSORY THREADS



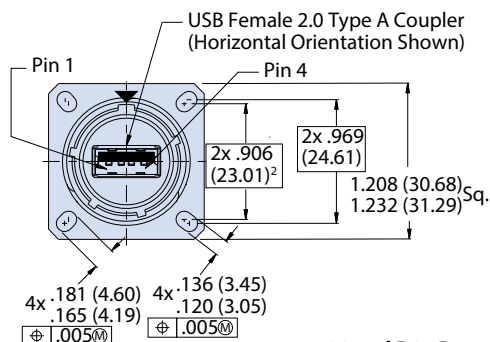
233-340 Coupler with Accessory Threads and USB Male-to-Female (Plug) or Female-to-Female (Receptacle)

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

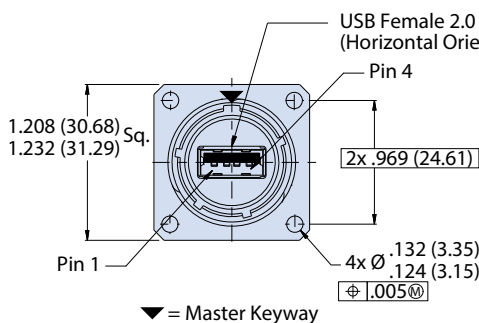


00, DO AND CM - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS

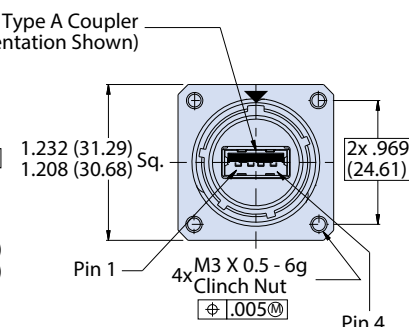
00 - Slotted Hole Receptacle Face View



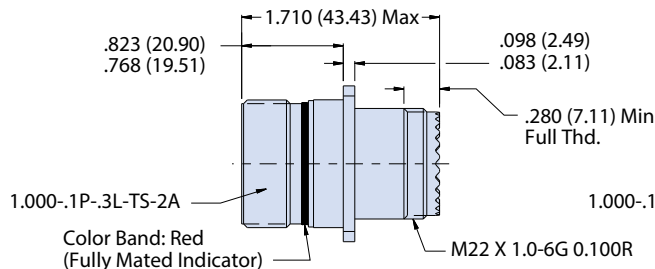
D0 - Round Hole Receptacle Face View



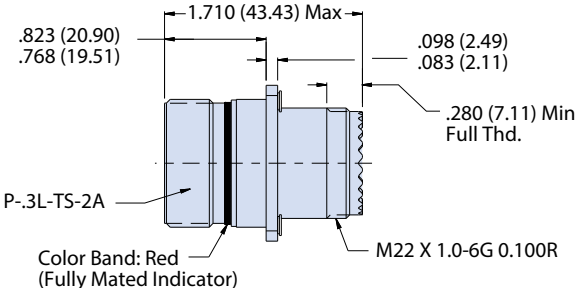
CM - Clinch Hole Receptacle Face View



00 and D0 - Receptacle Side View



CM - Receptacle Side View



NOTES

- | | | |
|---|---|--|
| 1. See Section A for alternate key positions, panel cutout dimensions | 3. Meets IP67 in unmated condition, IP68 mated | • Contacts: copper alloy, gold plated |
| 2. Connector style 00 with slotted holes is front panel mount only | 4. Material and finish <ul style="list-style-type: none"> • Shell, jam nut: al alloy • Insulators: high grade rigid dielectric/n.a. | • Seals: silicone based elastomer |
| | | • USB (shell/contacts): copper alloy |
| | | • Dielectric: hi-temp thermoplastic PA9T UL94V-0 |
| | | • Hardware: stainless steel /passivated |