ADVANCED PERFORMANCE

SuperNine® USB 2.0 type A

MIL-DTL-38999 Series III Type connectors

233-340 Couplers with Type A rear USB interface



Plug
Front View



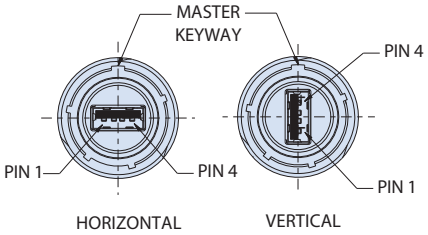
Square Flange
Receptacle
Front View



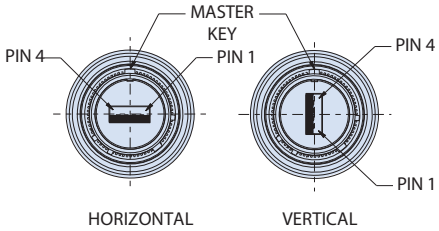
Jam Nut Receptacle
Front View

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** = Shrink Boot Included (Omit for None)									

USB Receptacle Orientation Options



USB Plug Orientation Options



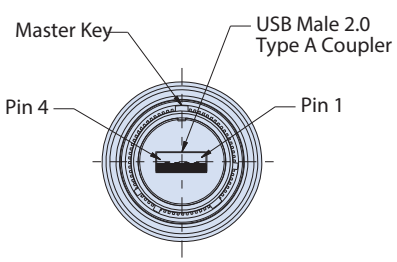
Material and Finish	
NF	Aluminum/Cadmium, Olive Drab
M	Aluminum/Electroless Nickel
MT	Alumimun/Nickel PTFE
ZR	Aluminum/Black Zinc-Nickel

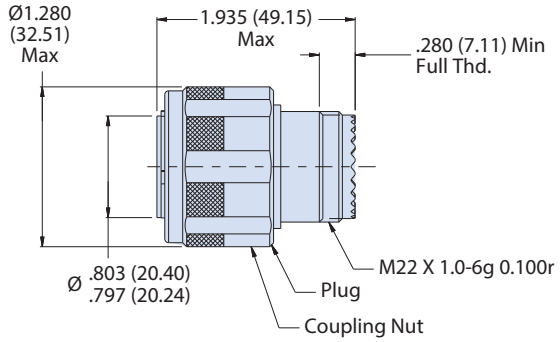
All external dimensions, features, etc. compliant with D38999/20, /24, &/26. Consult factory for additional information.

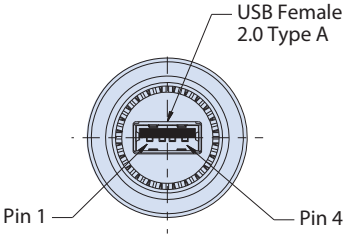
Connector Style	
G6	Plug
07	Rear panel mount, jam nut receptacle
00	Wall mount receptacle with slotted holes
D0	Wall mount receptacle with round holes
CM	Wall mount receptacle with metric clinch nuts

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







© 2022 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • SuperNine Catalog
Dimensions in Inches (millimeters) are subject to change without notice.

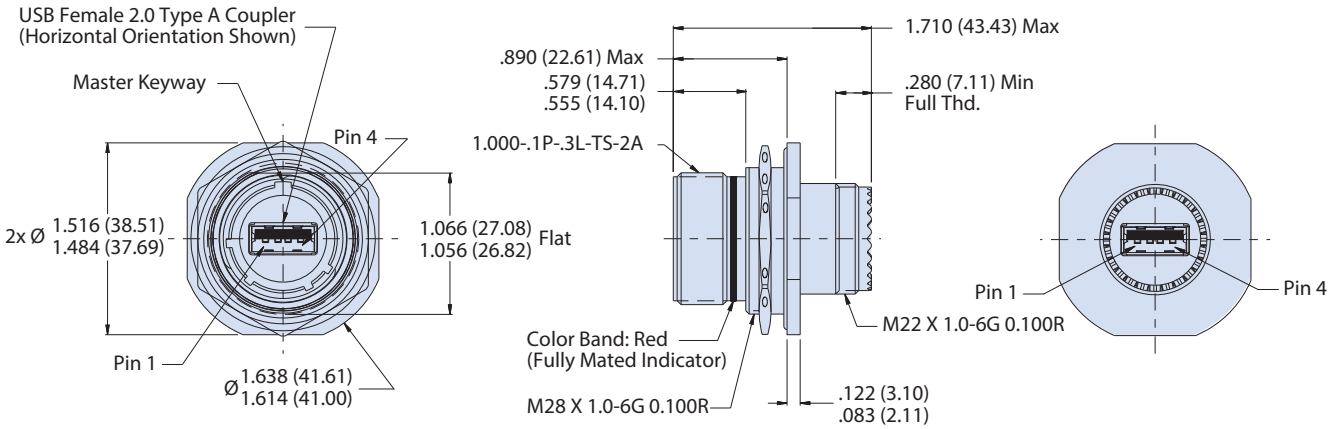
Downloaded from Arrow.com.

SuperNine® USB 2.0 type A

MIL-DTL-38999 Series III Type connectors

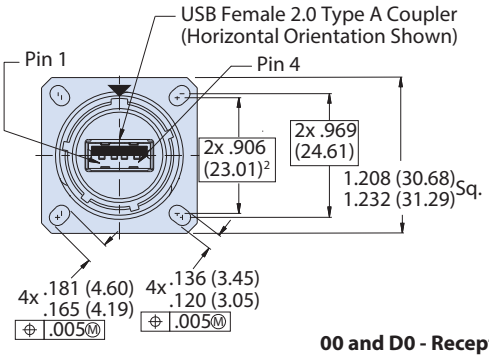
233-340 Couplers with Type A rear USB interface

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

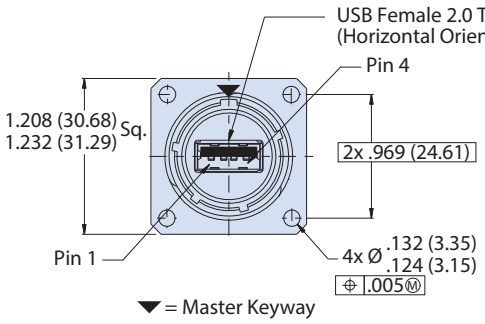


00, DO AND CM - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS

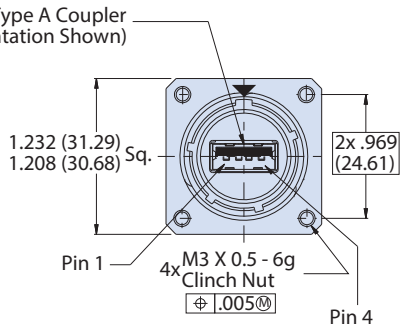
00 - Slotted Hole Receptacle Face View



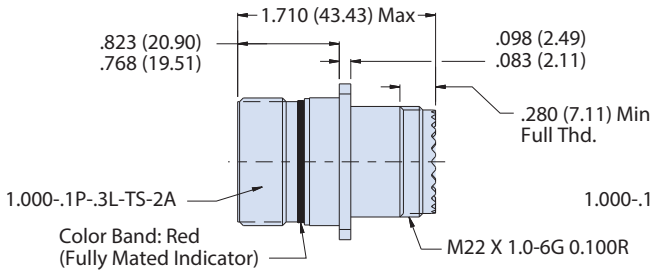
D0 - Round Hole Receptacle Face View



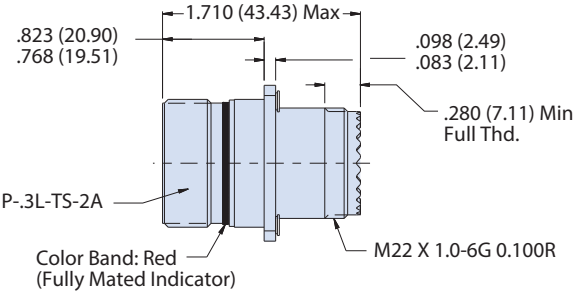
CM - Clinch Hole Receptacle Face View



00 and D0 - Receptacle Side View



CM - Receptacle Side View



NOTES

1. See Section A for alternate key/keyway positions and panel cutout dimensions
2. Meets IP67 in unmated condition, IP68 mated
3. Receptacle has USB female receptacle, plug has USB male plus
4. 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

© 2022 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • SuperNine Catalog
Dimensions in Inches (millimeters) are subject to change without notice.

Downloaded from Arrow.com.