



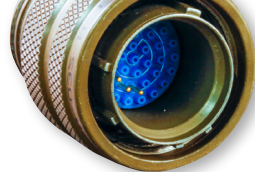
USB 2.0 TYPE A CONNECTORS

MIL-DTL-38999 Series III Type Connectors



233-344 Receptacle adapter with MIL-STD 1560 interface

Plug
Front View



Receptacle
Front View



Material and Finish

NF	Aluminum/cadmium, olive drab
M	Aluminum/electroless nickel
MT	Aluminum/nickel PTFE
ZR	Aluminum/black zinc-nickel

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

NOTES

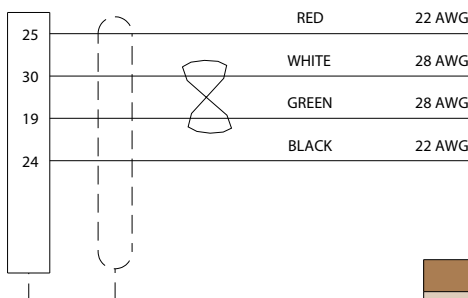
1. See Section A for alternate key/keyway positions and panel cutout dimensions
2. Front panel mount only
3. Insert arrangement in accordance with MIL-STD-1560, 15-35. Contact factory for additional options
4. Meets IP67 in unmated condition, IP68 mated
5. For custom pin assignment consult factory
6. Both plug and receptacle shells have MIL-STD-1560 mating interface and rear USB female receptacles

Part Number Development

Sample Part Number	233-344	NF	00	15	-35	2	A	P	N	T
Basic Number	233-344									
Finish	See Material and Finish table									
Connector Style ¹	See Connector Style table									
Shell Size	15									
Insert Arrangement ⁴	35 = IAW MIL-STD-1560, 15-35									
USB Performance	2 = USB 2.0									
USB Rear Interface	A = Type A									
Contact Style	P = Pin S = Socket									
Alternate Polarization ¹	A, B, C, D, E, N = Normal; per MIL-DTL-38999									
Shrink Boot	T = Shrink Boot; Omit for none									

USB 2.0 Wiring Diagram

P1 (connector interface)
Only 4 pins needed



P2 (USB 2.0 FEMALE)

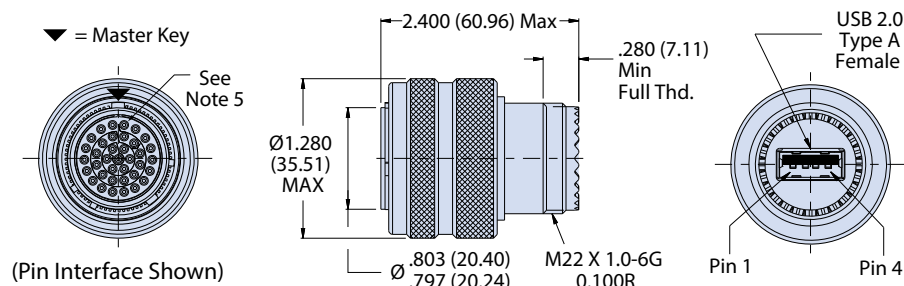
PIN	NAME	DESCRIPTION
1	V-BUS	+5 V
2	D-	DATA-
3	D+	DATA+
4	GND	GROUND

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

G6 PLUG WITH ACCESSORY THREADS





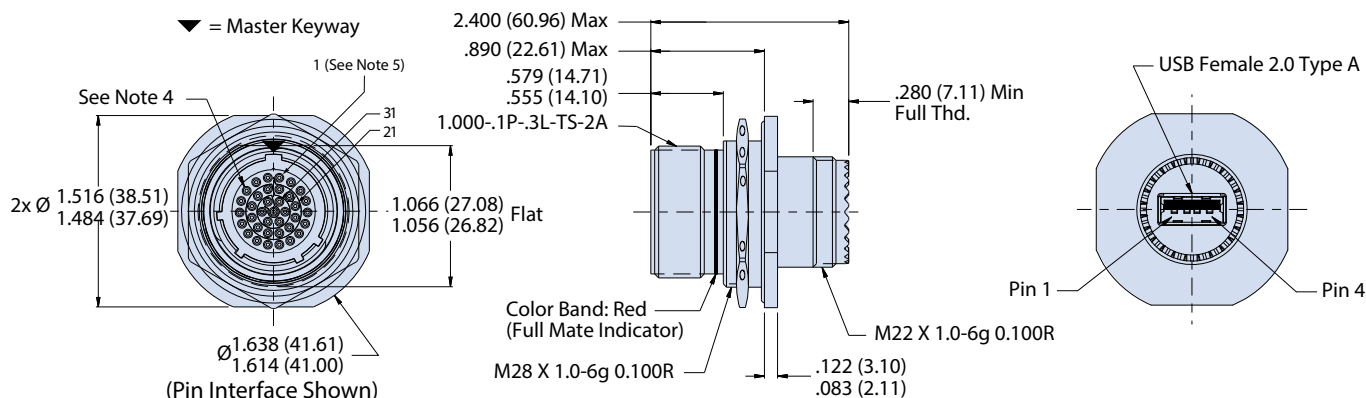
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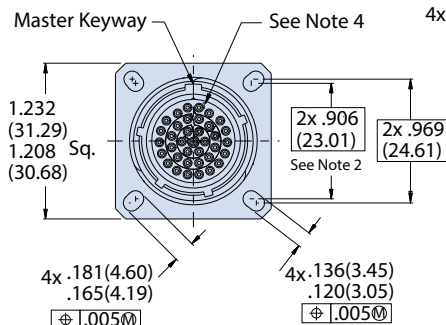
07 - REAR PANEL MOUNT, JAM NUT RECEPTACLE WITH ACCESSORY THREADS



00, D0 AND CM - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS

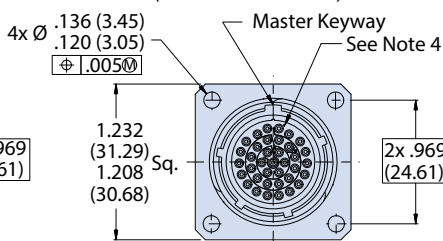
00 - Slotted Hole Receptacle (Mating Face)

(Pin Interface Shown)



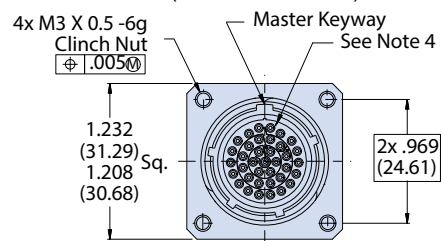
D0 - Round Hole Receptacle (Mating Face)

(Pin Interface Shown)

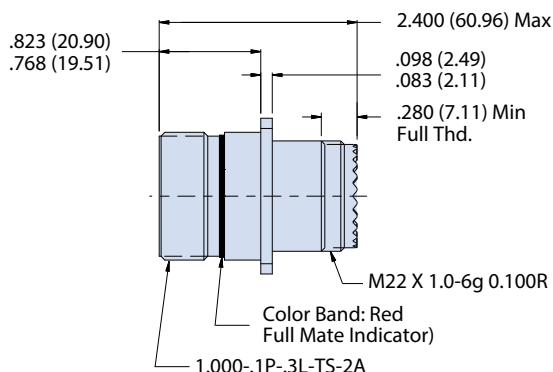


CM - Clinch Hole Receptacle (Mating Face)

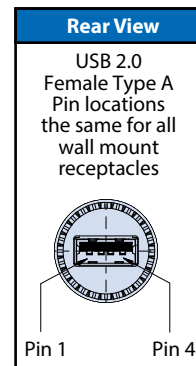
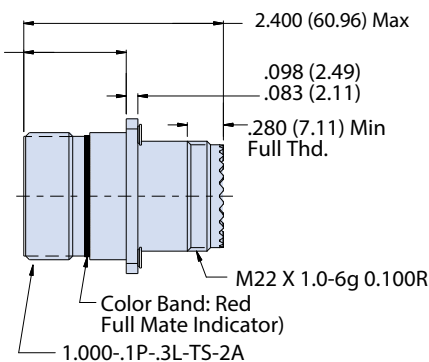
(Pin Interface Shown)



00 and D0 - Receptacle (Side View)



CM - Receptacle (Side View)



Mouser Electronics

Authorized Distributor

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Glenair:

[233-344NFD015-352ASN](#)