



USB 2.0 TYPE A CONNECTORS

MIL-DTL-38999 Series III Type Connectors



233-345 Receptacle with crimp removable contacts



Receptacle
Front View

Receptacle
Rear View



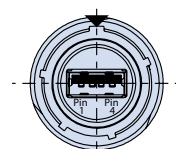
Material and Finish	
NF	Aluminum/cadmium, olive drab
M	Aluminum/electroless nickel
MT	Aluminum/nickel PTFE
ZR	Aluminum/black zinc-nickel

Connector Style	
G6	Plug
07	Rear panel mount, jam nut receptacle
00	Wall mount receptacle with slotted holes
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

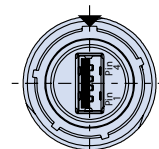
Part Number Development									
Sample Part Number	233-345	NF	00	-15	2	A	N	H	T
Basic Number	233-345								
Finish	See Material and Finish table								
Connector Style ¹	See Connector Style table								
Shell Size	15								
USB Performance	2 = USB 2.0								
USB Interface Type	A = Type A								
Alternate Polarization ¹	A, B, C, D, E, N = Normal; per MIL-DTL-38999								
USB Orientation	H = Horizontal V = Vertical								
Shrink Boot	T = Shrink Boot; Omit for none								

USB Receptacle Orientation Options (Partial Views Shown)



Horizontal

▼ = Master Keyway



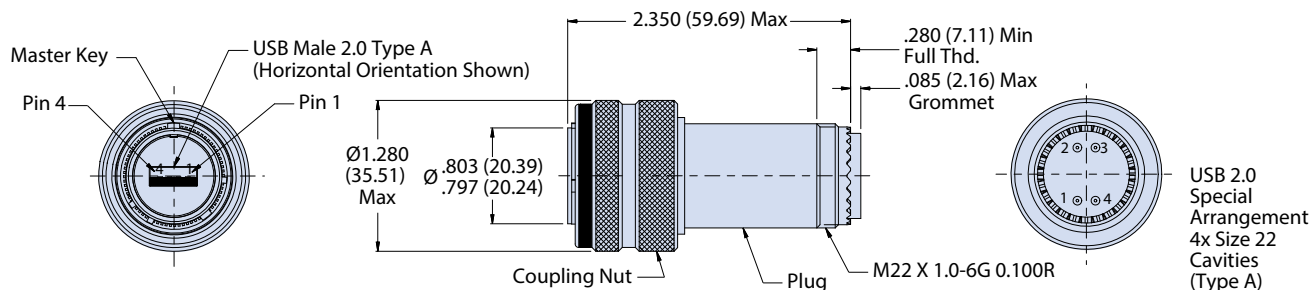
Vertical

NOTES

1. See Section A for alternate key/keyway positions and panel cutout dimensions
2. Front panel mount only
3. Crimp removable size 22 socket contacts (M39029/56-348) supplied loose
4. Meets IP67 in unmated condition, IP68 mated
5. Receptacle has USB female receptacle mating interface

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

G6 PLUG WITH ACCESSORY THREADS





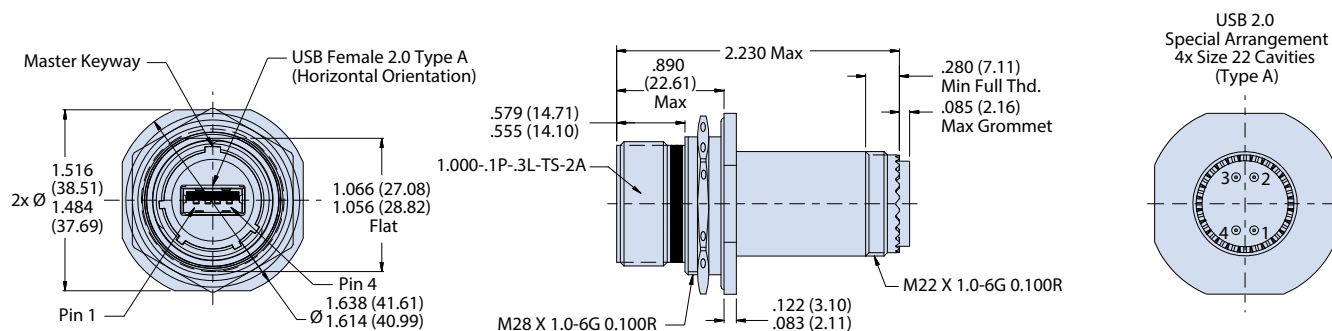
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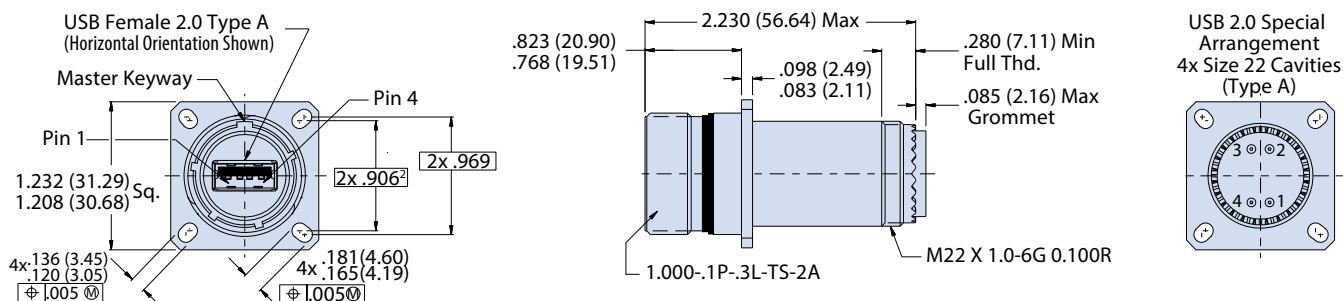


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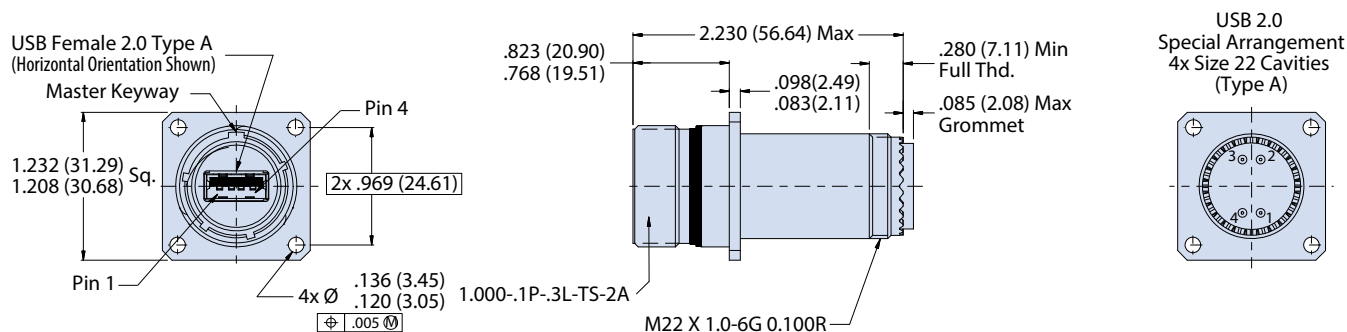
07 - REAR PANEL MOUNT, JAM NUT RECEPTACLE WITH ACCESSORY THREADS



00 WALL MOUNT RECEPTACLE WITH ACCESSORY THREADS



DO - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS



CM - WALL MOUNT RECEPTACLES WITH ACCESSORY THREADS

