



# USB 3.0 TYPE A CONNECTORS

## MIL-DTL-38999 Series III Type Connectors

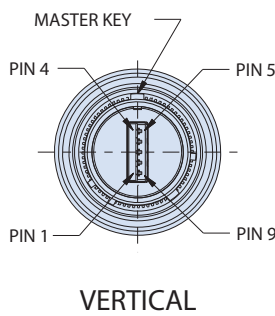
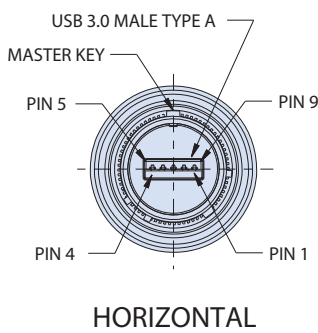
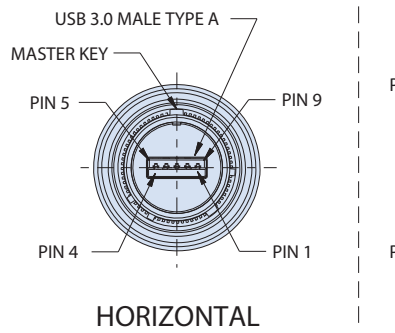
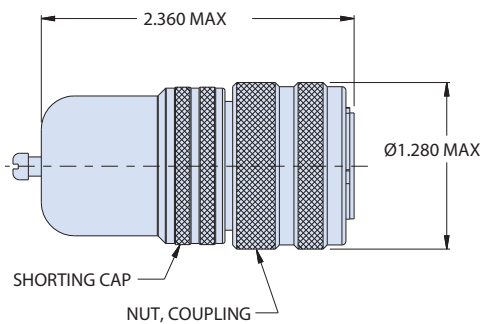


### 233-392 USB 3.0 Memory stick

Part Number Development	
Sample Part Number	233-392 NF 32 15 -N H P
Series / Basic Part No.	233-392
Material/Finish	<b>NF</b> = Aluminum/cadmium olive drab <b>ME</b> = Aluminum/electroless nickel <b>MT</b> = Aluminum/nickel PTFE <b>ZR</b> = Aluminum/zinc-nickel
Storage Capacity Options	<b>32</b> = 32 GB, <b>64</b> = 64 GB, <b>128</b> = 128 GB, <b>256</b> = 256 GB
Shell Size	15
Alternate Polarization	A, B, C, D, E, N = Normal; Per MIL-DTL-38999
USB Orientation	H = Horizontal V = Vertical
Protective Cover Option	P = Series 660-023 cover; Omit for none

#### NOTES

- Contact factory for details of protective cover options.
- This connector is designed to mate with Glenair part numbers 233-350,-352,-353,-354 &-355.
- USB flash memory specifications:
  - Storage capacity - 32 GB, 64 GB, 128 GB, 256 GB (consult factory for other capacity options)
  - System requirements - windows 2000, xp, vista, windows 7.
  - Compatibility - plug and play; USB 3.0 compliance; backward compatible with USB 2.0.
  - Interface - USB 3.0, Type a male.
  - Data transfer rates - see table II
  - Password protection and AES encryption.
  - Environmental parameters:
    - » Operating temperatures - -40°C to 85°C
    - » Storage temperatures - -40°C to 85°C
    - » Humidity range operating - 10% to 95%.
- Material/finishes:
  - Barrel, coupling nut - see part number development
  - Insulators-high grade rigid dielectric/N.A.
  - Seal: fluorosilicone/N.A.
  - EMI grounding spring-BeCu/ electroless nickel plate.
  - Hardware: stainless steel/ passivated
- Assembly shall be identified with Glenair's name, part number and date code, space permitting.
- Interpret drawing per ASME Y14.5 - 2009.



Read / Write Performance		
Capacity	Read (Mb/S)	Write (Mb/S)
32 GB	190	45
64 GB	190	95
128 GB	195	95
256 GB	180	130