



DISPLAYPORT

MIL-DTL-38999 Series III Type Connectors



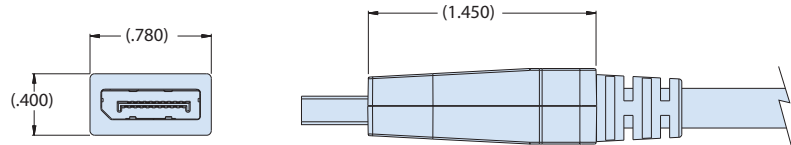
233-389 DisplayPort plug with strain relief cable sealing backshell

N

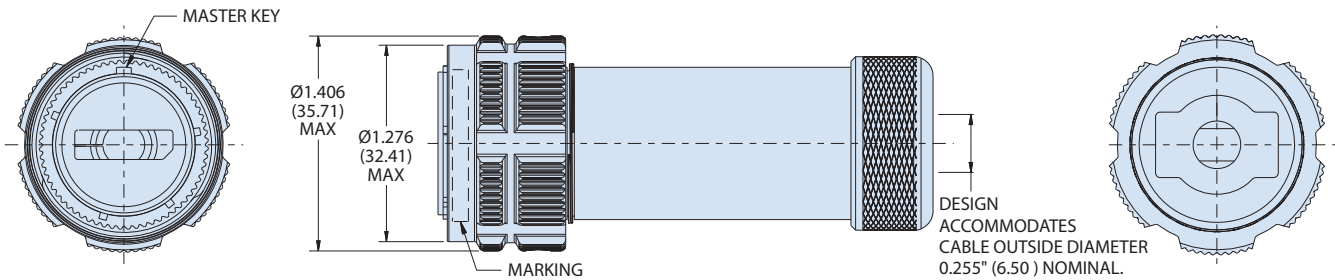
Part Number Development							
Sample Part Number	233-389	NF	G6	A	17	N	H
Basic Number	233-389						
Material/Finish	See Material and Finish table						
Connector Style	G6 = Plug						
Overmold Boot Style	A						
Shell Size	17						
Alternate Position	A, B, C, D, E, N = Normal per MIL-DTL-38999						
DisplayPort Orientation	H = Horizontal V = Vertical						

Material and Finish		
NF		Cadmium, Olive Drab Over Electroless Nickel (500 Hour Salt Spray)
ME	Aluminum	Electroless Nickel (96 Hour Salt Spray)
ZR		Black Zinc-Nickel (Tri-Valent CR)
ZI	Stainless Steel	Passivate
AB	Marine Bronze	None (Clean Only)

Additional material / finish options available consult factory



RECOMMENDED DISPLAYPORT PLUG OVERMOLD - STYLE A



NOTES

- Interpret drawing per ASME Y14.5 - 2009.
- Modified major diameter 31.80 - 31.95 (1.252 - 1.257).
- Material/finishes:
 - Barrel, coupling nut: see Material/Finish table (composite coupling nut no plating required).
 - Insulators: high grade rigid dielectric/N.A.
 - Seals: silicone based elastomer
 - USB adapter housing: UL94V-0 compliant ABS or PPS
 - Hardware: stainless steel/passivated
- Displayport specifications:
 - Performance: DP 1.4
 - D.W.V.: 500 VAC (unmated)
 - I.R.: 100 Mega ohms min.
 - Operating temperature range: -20°C to +85°C
- Front panel mount only.
- Plug connector designed to meet IP68 unmated condition.
- Design accommodates cable outside diameter 0.255" (6.50 mm) nominal.

DISPLAYPORT ORIENTATION OPTIONS

