



RJ45 CAT 5E/6A ETHERNET

# MIL-DTL-38999 Series III Type Connectors



## 637-235 Environmental feedthrough backshell for RJ45 Series connectors

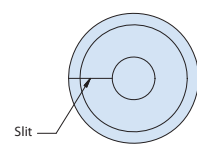
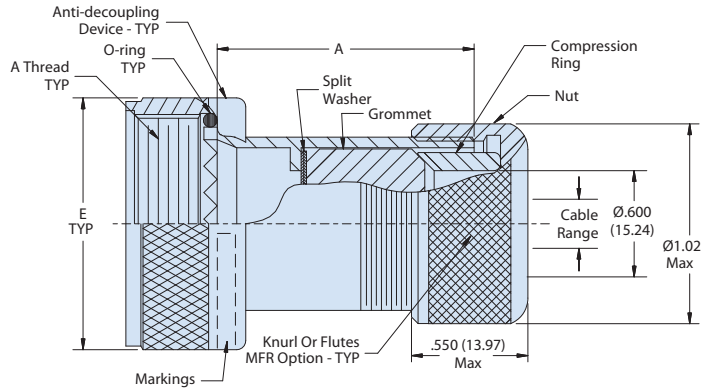


Part Number Development				
Sample Part Number	<b>637-235</b>	<b>M</b>	<b>17</b>	<b>- 1</b>
Basic Number	637-235 Environmental Feedthrough Backshell for RJ45 Series Connectors			
Finish	See Material and Finish table			
Shell Size	See Table I			
Cable Range	- = Standard Cable Ø .312/.187 <b>A</b> = Cable Ø .400/.256 <b>B</b> = Cable Ø .462/.400			
Length Indicator	See Table III (Omit For Standard Length)			

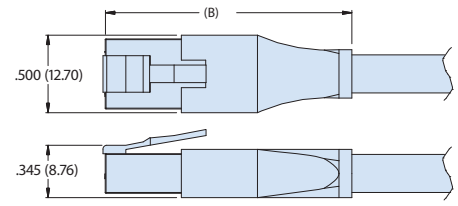
### NOTES

- Glenair 600 series backshell assembly tools are recommended for assembly and installation.
- Material/finish:
  - Adapter, coupling nut, compression ring, split washer and nut: see Table I
  - O-ring and grommet: fluorosilicone
  - Anti-decoupling device - corrosion resistant material/na

Material and Finish <sup>1</sup>	
<b>M</b>	Aluminum/Electroless Nickel
<b>NF</b>	Aluminum/Cadmium, Olive Drab, over Electroless Nickel
<b>ZN</b>	Aluminum/ Zinc NI, Olive Drab
<b>ZE</b>	
<b>ZR</b>	Aluminum/Black Zinc-Nickel
<b>MT</b>	Aluminum/Nickel PTFE
<b>P2</b>	Aluminum/Nickel Plate Per AMS-QQ-N-290
<b>XM</b>	Composite/Electroless Nickel
<b>XMT</b>	Composite/Nickel-PTFE
<b>XO</b>	Composite/No Finish
<b>XW</b>	Composite/Cadmium, Olive Drab, Over Electroless Nickel
<b>Z1</b>	Stainless Steel/Passivate
<b>ZC</b>	Stainless Steel/Zinc Cobalt
<b>ZL</b>	Stainless Steel/ Electro-Deposited Nickel
<b>ZW</b>	Stainless Steel/Cad Olive Drab Over Nickel
<b>AB</b>	Bronze/None (Clean Only)



Slit Grommet



RJ45 Connector (For reference only)

Table I			
Shell Size	A Thread	E Max	
		in	mm
<b>17</b>	M25 X 1.0-6H	1.42	36.1
<b>19</b>	M28 X 1.0-6H	1.54	39.1

Table III				
Shell Size	A		B REF	
	in	mm	in	mm
<b>1</b>	0.75	19.05	0.62	15.75
<b>2</b>	1.00	25.40	0.87	22.10
<b>3</b>	1.25	31.75	1.12	28.45
<b>4</b>	1.50	38.10	1.37	34.80
<b>Standard Length</b>	1.74	44.20	1.62	41.15