

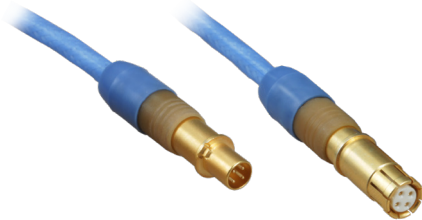
# RF, Microwave and Datalink Contacts

for MIL-DTL-38999, SuperNine®



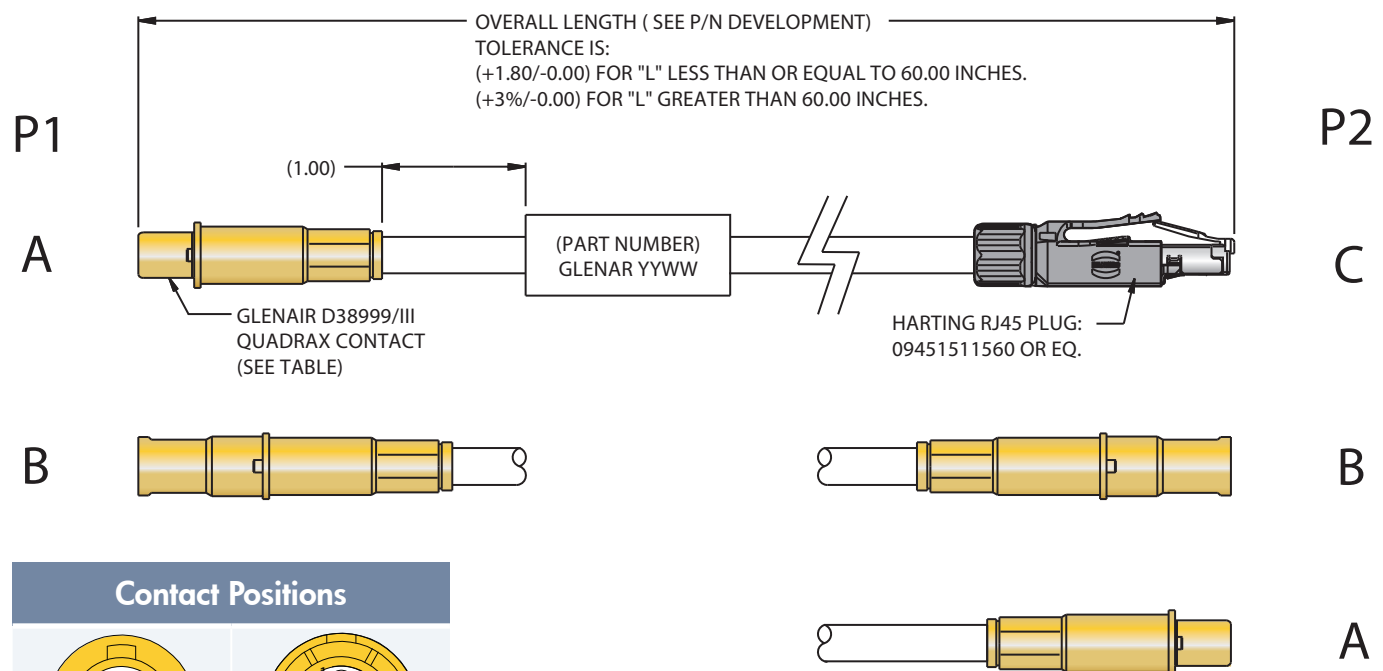
## 854-035 Quadrax Cable Assemblies

### Size #8 100 Ohm Quadrax Cable Assemblies, How-to-Order

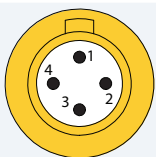


Quadrax contact, Pin and Socket

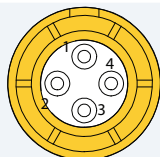
**Aerospace-grade or commercial-grade cable. 100% tested.** Save assembly time and cost with quadrax cordset assemblies. These assemblies are available with pin/pin, pin/socket, socket/socket, pin/RJ45 or socket/RJ45 configurations. Star quad aerospace-grade high temperature cable has fluoropolymer construction. Compatible with Glenair Series 23 and Series 80 connectors. Optional sealing boot available. **Quadrax contacts must be installed in keyed connectors before mating to prevent misalignment and contact damage.**



#### Contact Positions



Mating face of Pin



Mating face of Socket

#### Technical Data

- ❑ For use with 100 BASE-T Ethernet applications. For 1000 BASE-T Ethernet applications, please consult factory.
- ❑ Refer to individual contact and cable data sheets for construction details
- ❑ 100% tested for shorts, continuity and IR
- ❑ **Operating temp.:** -65° to +125°C, aerospace-grade
- ❑ **Impedance:** 100 ohms
- ❑ **DWV:** 500 Vrms
- ❑ **IR:** 5000 megohms min @ 200VDC.

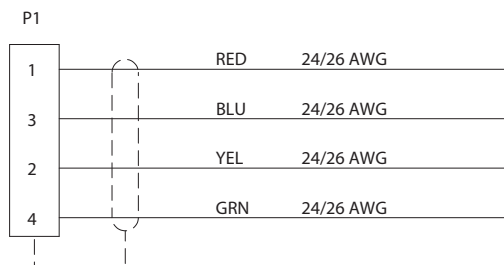
#### D38999 Series III and Mighty Mouse Quadrax Cables

Sample Part Number	854-035	F	-A	C	-01	-12
Product	854-035 = Pre-wired quadrax contact					
Sealing Boot	F = Add grommet follower Omit for none					
P1 Connector	A = Quadrax, Pin (P/N 854-001) B = Quadrax, Socket (P/N 854-002)					
P2 Connector	A = Quadrax, Pin B = Quadrax, Socket	C = RJ45 Plug N = No Connector				
Cable Option	01 = Tensolite NF26Q100-01, 26 AWG 02 = Tensolite NF24Q100-01, 24 AWG 03 = Draka Fileca F 4704-6, 26 AWG 04 = Draka Fileca F 4704-4, 24 AWG 05 = Tensolite NF22Q100-01, 22 AWG					
Length	Overall length in inches					

## 854-035 Quadrax Cable Assemblies

### Size #8 100 Ohm Quadrax Cable Assemblies, Wiring Dia

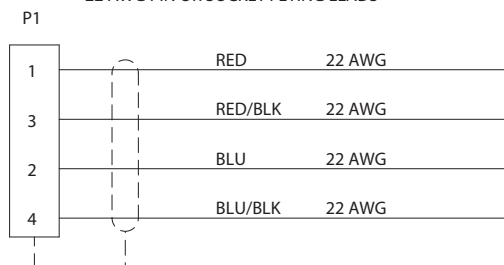
WIRING DIAGRAM  
24/26 AWG PIN OR SOCKET FLYING LEADS



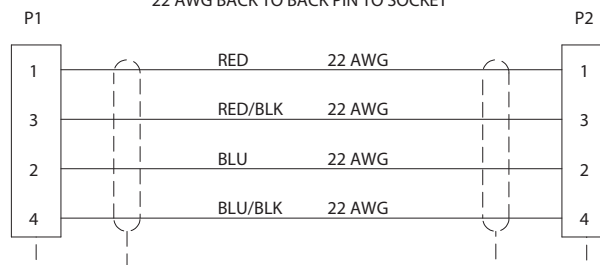
WIRING DIAGRAM  
24/26 AWG BACK TO BACK PIN TO SOCKET



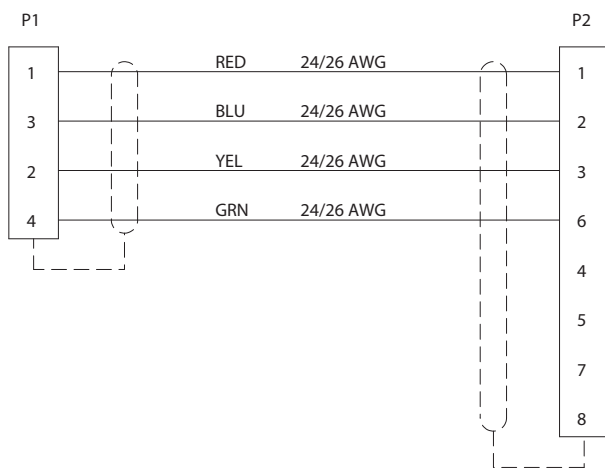
WIRING DIAGRAM  
22 AWG PIN OR SOCKET FLYING LEADS



WIRING DIAGRAM  
22 AWG BACK TO BACK PIN TO SOCKET



WIRING DIAGRAM  
24/26 AWG PIN OR SOCKET TO RJ45



WIRING DIAGRAM  
24/26 AWG PIN TO PIN OR SKT TO SKT

