

# SERIES 79 MICRO-CRIMP RECTANGULAR CONNECTORS

## Contacts and Tools



### Quadrax Contacts for Series 792 Connectors

CONTACTS AND TOOLS

#### Quadrax



Quadrax contacts are used for 100 Mbit/s Ethernet protocols including 100BASE-TX and ARINC 664. Crimp termination. Supplied as unassembled kit with sealing boot and instruction sheet. Contacts snap into connector body and are removable with plastic tool purchased separately.

#### Compatibility

- Series 792 Connectors
- Series 806 Connectors

#### CONSTRUCTION

- Inner contacts, outer body, ferrule: copper alloy, 50 microinches gold over nickel plating
- Insulators: thermoplastic
- Sealing boot: fluorosilicone rubber grommet, glass-filled thermoplastic follower

#### RATINGS

- Operating temperature: -65 °C to +175 °C
- Frequency: DC - 3 GHz
- Impedance: 100 ohms nom.
- Dielectric withstanding voltage: 500 VAC
- Insulation resistance: 5000 megohms min. @ 200 VDC
- Durability: 500 mating cycles
- Contact resistance, inner contacts: 55 millivolt max. voltage drop @ 1 ampere
- Contact resistance, outer body: 75 millivolt max. voltage drop @ 12A

#### SEALING BOOT

Sealing boot is included with contact. Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet. To specify contact without boot, delete "F" suffix from part number.

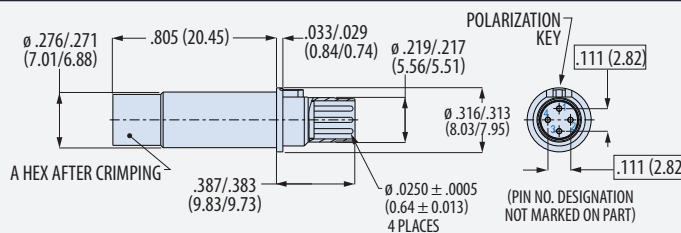


Contact P/N	Boot Part Number
-01, -02, -03, -04	<b>859-042-02</b>
-05	<b>687-754-8-5</b>

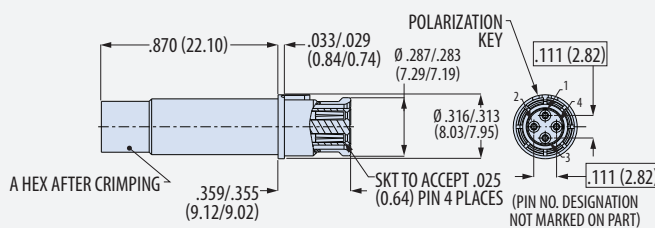
#### SIZE 8 QUADRAX CONTACTS FOR SERIES 792 CONNECTORS

PART NUMBER					
Cable Accommodation	AWG	Ref. Cable Diameter	Pin Contact P/N With Sealing Boot	Socket Contact P/N With Sealing Boot	A Hex
NF26Q100 (Tensolite)	26	.137 (3.5)	<b>854-047-01F</b>	<b>854-048-01F</b>	.218 (5.5)
NF24Q100 (Tensolite) E51424 (PIC)	24	.163 (4.1)	<b>854-047-02F</b>	<b>854-048-012F</b>	.218 (5.5)
F 4704-6 (Draka Fileca)	26	.153 (3.9)	<b>854-047-03F</b>	<b>854-048-03F</b>	.218 (5.5)
F 4704-4 (Draka Fileca)	24	.175 (4.4)	<b>854-047-04F</b>	<b>854-048-04F</b>	.218 (5.5)
NF22Q100 (Tensolite)	22	.190 (4.8)	<b>854-047-05F</b>	<b>854-048-05F</b>	.231 (5.9)

#### 854-047 PIN



#### 854-048 SOCKET



#### TOOLS

Inner Contact Crimp Tools		Shield Crimp Tools		Removal Tool
<b>809-015</b> (M22520/2-01)	<b>859-072</b> (M22520/2-37)	<b>809-129</b> (M22520/5-01, HX4)	<b>859-047</b> (M22520/5-45, K709)	<b>859-022</b> (M81969/14-06)