

# SERIES 79 MICRO-CRIMP RECTANGULAR CONNECTORS

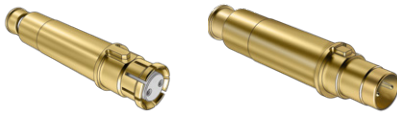
## Contacts and Tools



### Twinax Contacts for Series 792 Connectors

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

#### Twinax



Differential twinax contacts accept 77 ohm or 100 ohm shielded twisted pair cables. These snap-in, rear-release contacts fit Glenair Series 792 connectors. Crimp termination. 22, 24, 26 and 28 AWG versions. Gold-plated copper alloy. Supplied unassembled with sealing boot and instruction sheet.

#### Compatibility

- Series 792 Connectors
- Series 806 Connectors

#### CONSTRUCTION

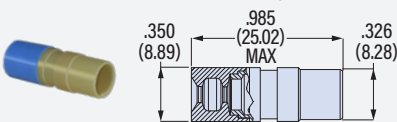
- Inner contacts, outer body, ferrule: copper alloy, 50 microinches gold over nickel plating
- Insulators: thermoplastic
- Sealing boot: fluorosilicone rubber grommet, glass-filled thermoplastic follower

#### RATINGS

- Operating temperature: -65 °C to +175 °C
- Frequency: DC - 3 GHz (100 ohm versions), DC - 20 MHz (75 and 77 Ohm versions)
- Impedance: 75/ 77/ 100 (see Part Number table)
- Dielectric withstanding voltage: 1000 VAC inner contact-to-inner contact, 500 VAC inner contact-to-body
- Insulation resistance: 5000 megohms min.
- 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

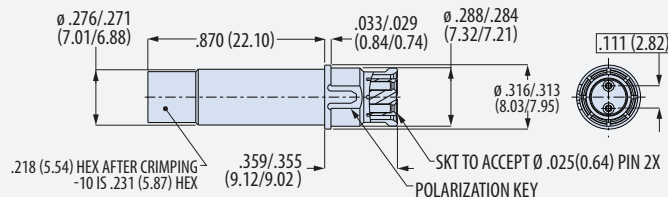
Sealing boot is included with contact. Slide boot over cable, rubber end first, before terminating cable to contact. Install wired contact into connector, then slide boot into connector grommet. To specify contact without boot, delete "F" suffix from part number.



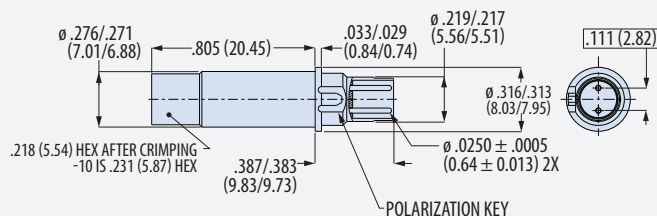
Part Number	Cable Range
859-042-01	.090/.130 (2.3/3.3)
859-042-02	.130/.170 (3.3/4.3)
859-042-03	.170/.205 (4.3/5.2)

PART NUMBER				
Cable Accommodation	AWG	Cable Impedance	Pin With Sealing Boot	Socket With Sealing Boot
963-073-24 (Glenair) RCN-8945 (Gore)	24	100 Ohms	853-076-01F	853-075-01F
GSC-03-83971-00 (Gore)	24	100 Ohms	853-076-02F	853-075-02F
0024A0024 (TE Raychem) 24463/9P025X-2 (LD) (Tensolite) S280W502-1 (Tensolite)	24	100 Ohms	853-076-04F	853-075-04F
M17-176-00002 5M2022-003	24	77 Ohms 75 Ohms	853-076-05F	853-075-05F
DXN2603 (Gore) 0028S2664 (TE)	26 28	100 Ohms	853-076-09F	853-075-09F
GF100-22TWIN (Gigaflight) E10222 (PIC)	22	100 Ohms	853-076-10F	853-075-10F
GSC-05-84308-00 (Gore) DXN2310 (Gore)	26	100 Ohms	853-076-12F	853-075-12F
DXN2602 (Gore)	24	100 Ohms	853-076-13F	853-075-13F

#### 853-075 SOCKET



#### 853-076 PIN



#### TOOLS

Inner Contact Crimp Tools		Shield Crimp Tools		Removal Tool
Crimp Tool	Positioner	Crimp Tool	Die, .218 and .231 Hex	
809-015 (M22520/2-01)	859-072 (M22520/2-37)	809-129 (M22520/5-01, HX4)	859-047 (M22520/5-45, K709)	859-022 (M81969/14-06)

CONTACTS AND TOOLS