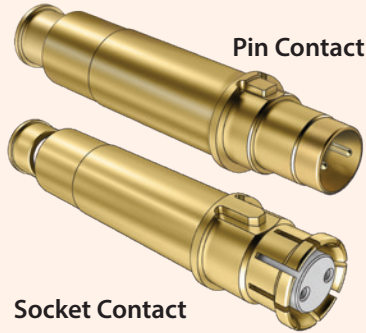


SERIES 792

High-Speed Ultraminiature Rectangular Connectors



Size 8 Differential Twinax Contacts



Differential twinax contacts accept various shielded twisted pair cables ranging from 75 ohms to 125 ohms with 22 AWG to 30 AWG wires. These crimp removable contacts fit Glenair Series 792 connectors and are supplied unassembled with sealing boot and instruction sheet.

Part Number and Cable Accommodation

Part Number		Cables Accommodated	AWG	Ref Cable Impedance	Assembly Instructions
Pin	Socket				
853-076-01-F	853-075-01-F	GORE RCN 8945	24	100 Ohms	AI850007
853-076-02-F	853-075-02-F	GSC-03-83971-00	24	100 Ohms	AI850007
853-076-03-F	853-075-03-F	RAYCHEM 10612	24	77 Ohms	AI850007
853-076-04-F	853-075-04-F	RAYCHEM 0024A0024	24	100 Ohms	AI850007
853-076-04-F	853-075-04-F	TENSOLITE 24463/9P025X-2 (LD) S280W502-1	24	100 Ohms	AI850007
853-076-05-F	853-075-05-F	M17/176-00002	24	77 Ohms	AI850007
853-076-05-F	853-075-05-F	5M2022-003	24	75 Ohms	AI850007
853-076-06-F	853-075-06-F	BELDEN 1350SB	24	100 Ohms	AI85029
853-076-07-F	853-075-07-F	TE 2525B0524	24	125 Ohms	AI85050
853-076-08-F	853-075-08-F	CICOIL CLSPEC-1 OR EQUIV	28	100 Ohms	AI85079
853-076-09-F	853-075-09-F	GORE DXN2603 / TE 0028S2664	26/28	100 Ohms	AI85007
853-076-10-F	853-075-10-F	PIC E10222	22	100 Ohms	AI85138
853-076-11-F	853-075-11-F	963-102-30	30	100 Ohms	AI85142
853-076-12-F	853-075-12-F	GORE GSC-05-84308-00	26	100 Ohms	AI85143
853-076-13-F	853-075-13-F	GORE DXN2602	24	100 Ohms	AI85007

Grommet follower (F) optional; omit if not needed

Technical Data

Specifications

- Operating temperature: -65° to +175°C
- Operating frequency 100 ohm versions: DC - 3GHz
- Operating frequency 77 ohm versions: DC - 20MHz
- Dielectric withstanding voltage, inner contact to inner contact: 1000 Vrms
- Dielectric withstanding voltage, inner contact to outer body: 500 Vrms
- Insulation resistance: 5000 megohms min.
- Contact resistance, inner contacts: 55 millivolt max. voltage drop @ 1 ampere
- Contact resistance, outer body: 75 millivolt max. voltage drop @ 12A
- Durability: 500 mating cycles

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

Crimp Tool for Inner Contacts

Mil Spec Hand Tool



809-015
(M22520/2-01)

Positioner for Hand Tool



809-240
(M22520/2-37)

Hex Crimp Tool for Outer Body

Tool



809-129
(M22520/5-01)

Hex Die Set



859-007
(M22520/5-45)

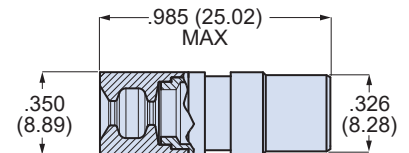
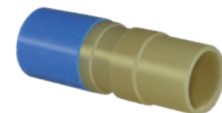
Removal Tool



859-007
(M22520/5-45)

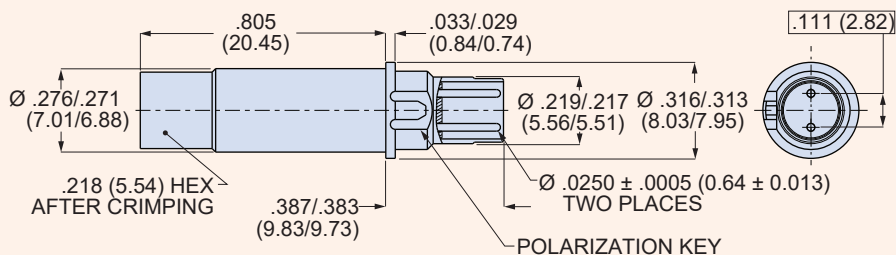
Sealing Boot

Sealing boots are supplied with contacts. To order contacts without sealing boots, delete the "F" suffix from the part number



Size 8 Differential Twinax Contacts

Pin Contact 853-076 Dimensions



Socket Contact 853-075 Dimensions

