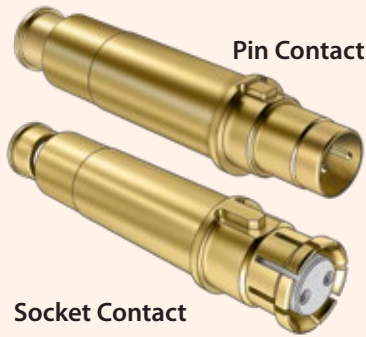


SERIES 792

High-Speed Ultraminiature Rectangular Connectors



Size 8 Differential Twinax Contacts



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

Ordering Information: Size #8 Differential Twinax Contacts

Cable Part Number	Wire Size (AWG)	Impedance (ohms)	Pin Contact	Socket Contact
GSC-03-83971-00 (Gore)	24	100	853-076-02F	853-075-02F
0024A0024 (TE Raychem)	24	100	853-076-04F	853-075-04F
DXN2603 (Gore)	26	100	853-076-09F	853-075-09F
M17/176-00002	24	77	853-076-05F	853-075-05F

Technical Data

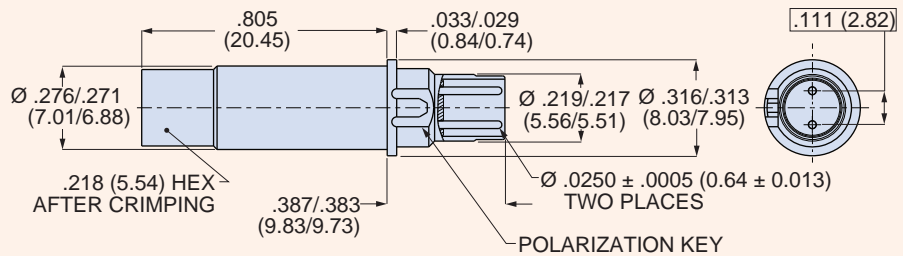
Specifications

- 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

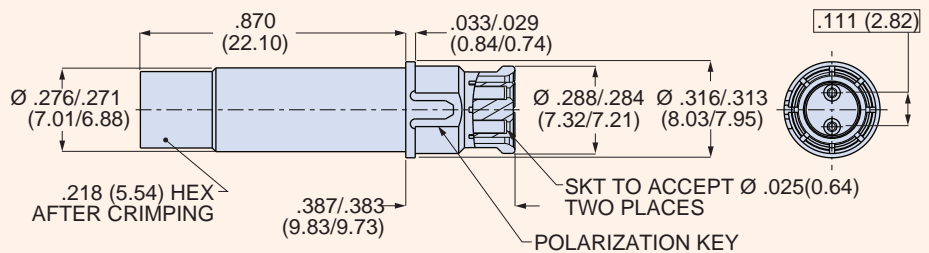
Construction

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

Pin Contact 853-076 Dimensions



Socket Contact 853-075 Dimensions



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

