

SERIES 28 HiPer-D® Contacts and Tools



50 ohm coaxial contacts for RG405 type flexible cable

50 OHM COAXIAL CONTACTS FOR RG405 TYPE FLEXIBLE CABLE

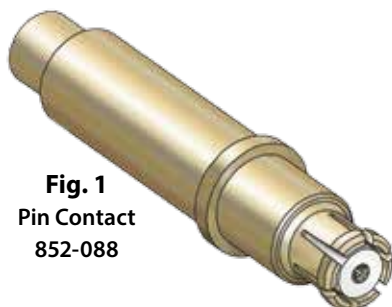


Fig. 1
Pin Contact
852-088

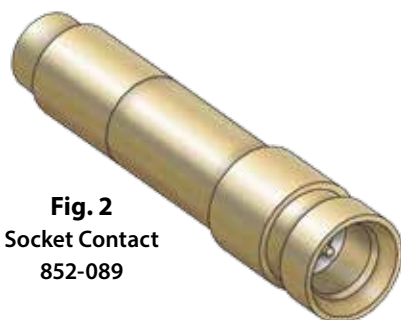


Fig. 2
Socket Contact
852-089

Material and Finish

Body and Contact: Copper alloy, 50 microinches gold over nickel.

Dielectric: PTFE

Cable Insert: Brass, 50 microinches gold over nickel.

Sealing Boot: Thermoplastic and Fluorosilicone

Specifications

Impedance: 50 ohms

Frequency: DC – 18 GHz

VSWR: 1.10 + (.01 X Freq GHz)

Insertion Loss: .06 X SQRT(Freq GHz)

RF Leakage: < -90 - Freq GHz

Temperature Range: -65° to +200° C.

Dielectric Withstanding Voltage: 1000 VAC

Insulation Resistance: 5 gigohms

Mechanical Durability: 500 Mating Cycles

Center Contact Retention: 2 lbs. min.

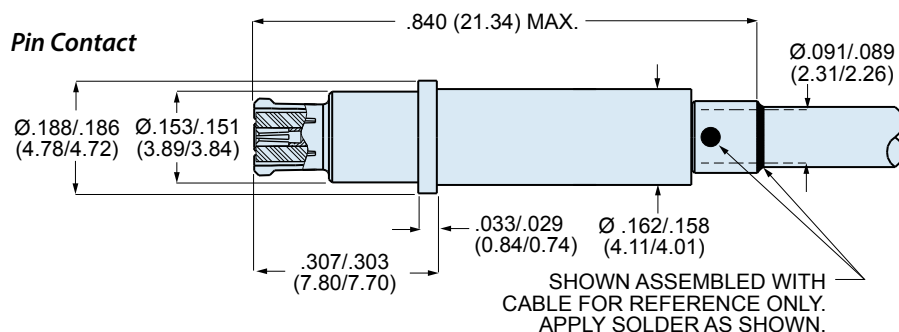
Maximum Engaging Force: 2.5 lbs.

Minimum Separation Force: 0.5 lbs.

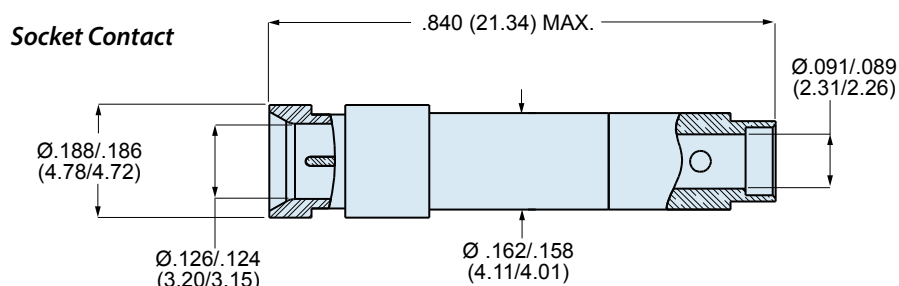
These coax contacts snap into Glenair combo HiPer-D® size #8 cavities and can be removed with a plastic extraction tool. Solder termination. 50 ohm nominal impedance, DC -18GHz frequency range. Use with LLF-1087 (Tensolite) or TFlex-405 (Times Microwave) coax cables. Gold plated copper alloy, fluoropolymer® dielectric. 1000 VAC DWV rating. Optional sealing boot prevents moisture ingress. **These contacts are designed for use only with Glenair Combo HiPer-D® connectors and cannot be installed in other connectors.**

Fig.	Contact Type	Cable Accommodation	Part Number Contact Only	Part Number Contact and Sealing Boot
1	Pin	LLF-1087 (Tensolite), TFlex-405 (Times Microwave)	852-088-01	852-088-01F
2	Socket	LLF-1087 (Tensolite), TFlex-405 (Times Microwave)	852-089-01	852-089-01F

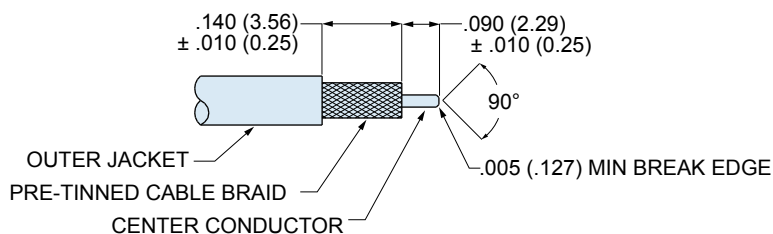
Pin Contact



Socket Contact



ASSEMBLY INSTRUCTIONS



- Slide sealing boot onto coaxial cable.
- Strip cable as shown.
- Pre-tin cable braid.
- Break edge of center conductor as shown.
- Push cable into contact body. Center conductor should be seated into center contact.
- Solder cable braid to contact body as shown in Pin Contact illustration above.
- Snap assembled contact into connector and slide sealing boot into place.