

## 50 ohm coaxial contacts for RG405 type flexible cable

### 50 OHM COAXIAL CONTACTS FOR RG405 TYPE FLEXIBLE CABLE



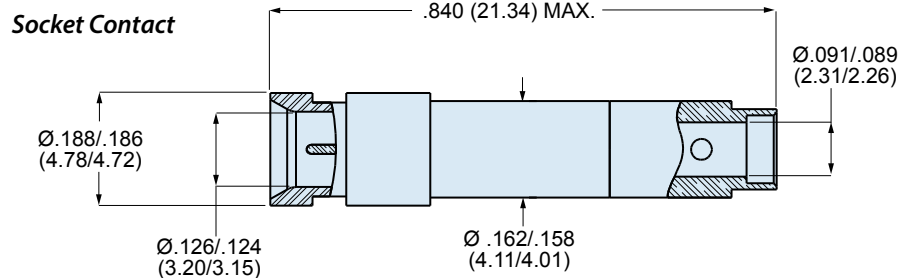
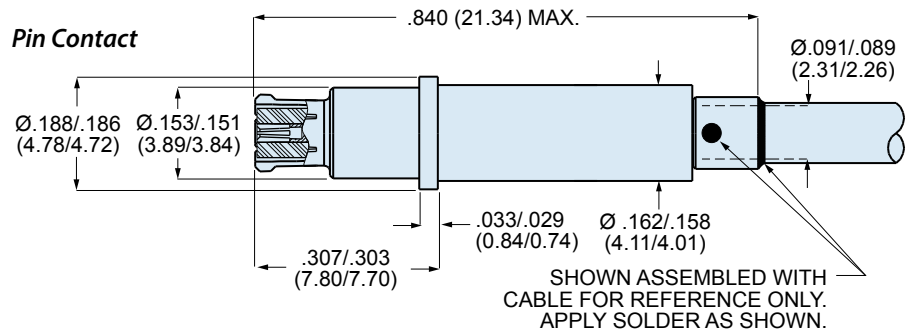
**Fig. 1**  
Pin Contact  
852-088



**Fig. 2**  
Socket Contact  
852-089

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)	<b>852-088-01</b>	<b>852-088-01F</b>
2	Socket	LLF-1087 (Tensolite), TFlex-405 (Times Microwave)	<b>852-089-01</b>	<b>852-089-01F</b>



### 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

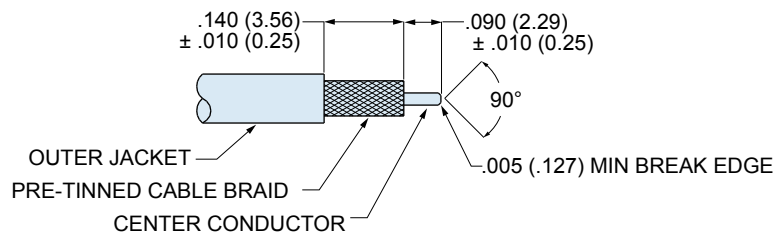
**Mechanical Durability:** 500 Mating Cycles

**Center Contact Retention:** 2 lbs. min.

**Maximum Engaging Force:** 2.5 lbs.

**Minimum Separation Force:** 0.5 lbs.

### 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.