

852-071 / -152
852-099 / -100

852-133 / -159

High-Frequency Spring-Loaded Solder Contacts

UNIVERSAL INFORMATION

Construction	Materials
Center contact, body	Copper alloy, gold over nickel plating
Dielectric	Fluoropolymer
Socket outer sleeve	SST, passivated
Socket spring	SST, passivated
Sealing boot	Fluorosilicone rubber grommet, glass-filled thermoplastic follower
Specifications	
Operating Temperature	-55 to +125 °C
Durability	500 mating cycles

Glenair high-frequency spring-loaded coax contacts have been optimized for use in Glenair Series 795 RF high-density rectangular connectors, and are designed for low-loss, low-resistance performance in high-vibration-and-shock military / aerospace applications.

50-OHM HIGH-FREQUENCY SPRING-LOADED SOLDER CONTACTS

Contact Size / Style	Cable	Pin	Socket
#8 BMB 18 GHz Max* 50-ohm	962-025-047	852-071-06	852-152-06
	962-025-086	852-071-05	852-152-05
	962-025-141	852-071-01	852-152-01
	962-032-130	852-071-10	852-152-10
	962-032-160	852-071-11	852-152-11
#12 SMPM 40 GHz Max* 50-ohm	962-025-047	852-099-03	852-100-03
	962-025-086	852-099-01	852-100-01
	962-032-130	852-099-04	852-100-04
	962-032-235	852-071-13	852-152-13
#16 SMPS 65 GHz Max* 50-ohm	962-025-047	852-133-01	852-159-01
	962-025-086	852-314-01**	852-159-02

*check max frequency of cable

SIZE-SPECIFIC INFORMATION

Specifications

Dielectric Withstanding Voltage

- Size 8: 1000 VAC
- Size 12: 325 VAC
- Size 16: 250 VAC

VSWR

- Size 8: DC - 1 GHz 1.10:1, 1 GHz to 18 GHz: 1.20 + .025 (freq GHz):1
- Size 12: DC to 26.5 GHz 1.21:1 26.5 to 40 GHz 1.31:1
- Size 16: DC to 65 GHz 1.5:1

Socket Axial Travel in the Mated Condition

- Size 8: Up to .059 inches
- Size 12: Up to .030 inches
- Size 16: Up to .025 inches

INSERTION/EXTRACTION TOOLS

Size	Type	Part Number
#16	Insert/Extract	809-131
#12	Insert/Extract	809-132
#8	Extract Only	859-049

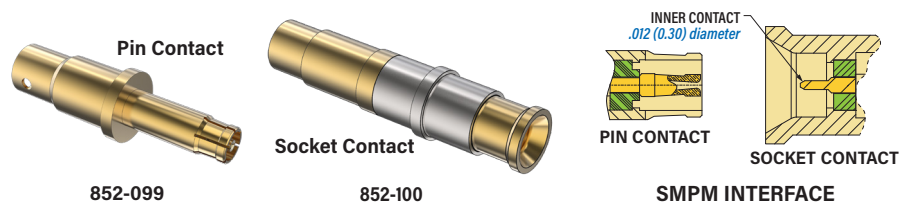
DUMMY CONTACT SEALING PLUGS

Size	Part Number
#16	680-116-16
#12	680-116-12
#8	859-106

50 Ohm 18 GHz Size #8 BMB for drop-in use in Series 795 RF connectors



50 Ohm 40 GHz Size #12 SMPM for drop-in use in Series 795 RF connectors



50 Ohm 65 GHz Size #16 SMPS for drop-in use in Series 795 RF connectors

