

High-Frequency Spring-Loaded Solder Contacts

- Size #8 BMB
- Size #12 SMPM
- Size #16 SMPS

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
Durability	500 mating cycles

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

50-OHM HIGH-FREQUENCY SPRING-LOADED SOLDER CONTACTS

Contact Size / Style	Cable	Pin	Socket
#8 BMB 18 GHz Max* 50-ohm *check max frequency of cable	962-025-047	852-071-06	852-152-06
	962-025-086	852-071-05	852-152-05
	962-025-141	TBD	TBD
	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 *check max frequency of cable	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
#16 SMPS 65 GHz Max* 50-ohm	962-025-047	852-133-01**	852-159-01
	962-025-086	852-314**	852-371

*check max frequency of cable

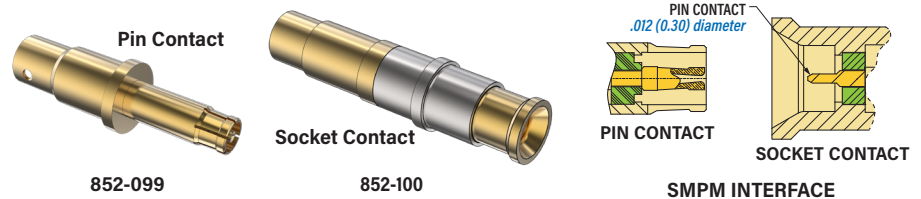
**Requires contact organizer. Contact factory for details

50 Ohm



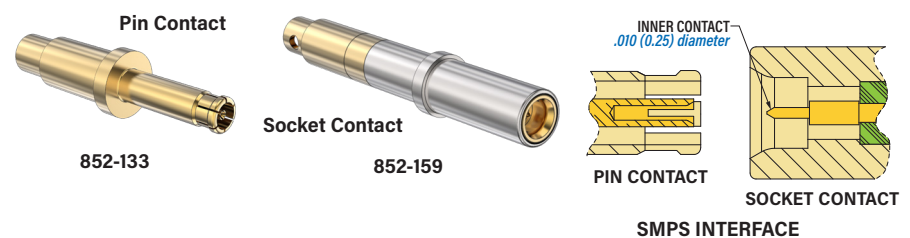
50 Ohm

40 GHz SMPM



50 Ohm

65 GHz SMPS



SERIES 806 MULTI-PIN RF CONNECTORS