

# High-Frequency Spring-Loaded Solder Contacts

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

SERIES 795 MULTI-PIN RF CONNECTORS

## 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

## 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
	962-032-200	852-071-12	852-152-12
#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

## 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

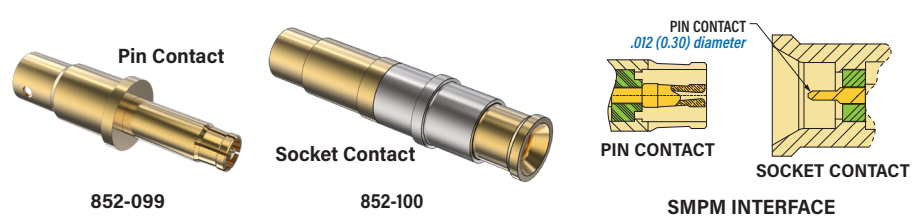
#### Socket Axial Travel in the Mated Condition

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

### 50 Ohm



### 50 Ohm 40 GHz SMPM



### 50 Ohm 65 GHz SMPS

