

RF, Microwave, and mmWave Interconnects

SERIES 795 High-Density

Multi-Port RF Rectangular Connectors



795-011S

Panel-Mount Plug, Socket Contacts

- Size #16 Contacts
- All-Aluminum Body
- Two to Seventeen Ports
- 65 GHz SMPS Coax
- Environmental
- Scoop-Proof



Three to eleven ports. Size 16 contacts. 795-011 plugs have machined aluminum housings and fluorosilicone grommet for environmental protection. Size 16 socket contact cavities have beryllium copper retention clips. Use with 65 GHz SMPS coax contacts (P/N 852-159, ordered separately).

SERIES 795 MULTI-PIN RF CONNECTORS

CONSTRUCTION

- Shell: aluminum
- Grommet: fluorosilicone
- Jackscrew: SST, passivated
- Contact retainer clip: copper alloy, unplated

SPECIFICATIONS

- Operating temperature: -55 °C to +125 °C
- Shock: EIA-364-27 Condition D
- Vibration: EIA-364-28 Condition V Letter E
- Shell-to-shell resistance: 2.5 milliohms max. with ground spring option

COAX CONTACTS

*Not included with 795-011 connector.
Sold separately.*

for S/R or Flexible Coax Cable

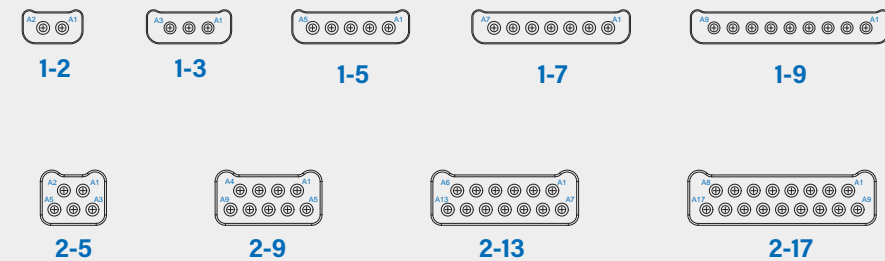


- Part Number **852-159**
- 65 GHz, solder termination
- Accepts .047 semi-rigid or flexible coax cable

PART NUMBER

	795-011S	1-2	M	P	N
Base P/N	795-011S				
Arrangement No.	<p><i>See Table 1</i></p> <p>1-2 2 contacts</p> <p>1-3 3 contacts</p> <p>1-5 5 contacts</p> <p>1-7 7 contacts</p> <p>1-9 9 contacts</p> <p>2-5 5 contacts, two row</p> <p>2-9 9 contacts, two row</p> <p>2-13 13 contacts, two row</p> <p>2-17 17 contacts, two row</p>				
Material/ Finish	<p>M Alum/ Electroless Nickel</p> <p>MT Alum/ Nickel-PTFE</p>				
Jackpost	<p>P Jackpost #8-32, Non-Removable</p> <p>N No Jackpost</p>				
O-ring	<p>F Fluorosilicone O-Ring</p> <p>C Conductive O-ring</p> <p>N No O-ring</p> <p>S Metal EMI Spring (non-environmental)</p>				

TABLE 1 ARRANGEMENT NUMBER

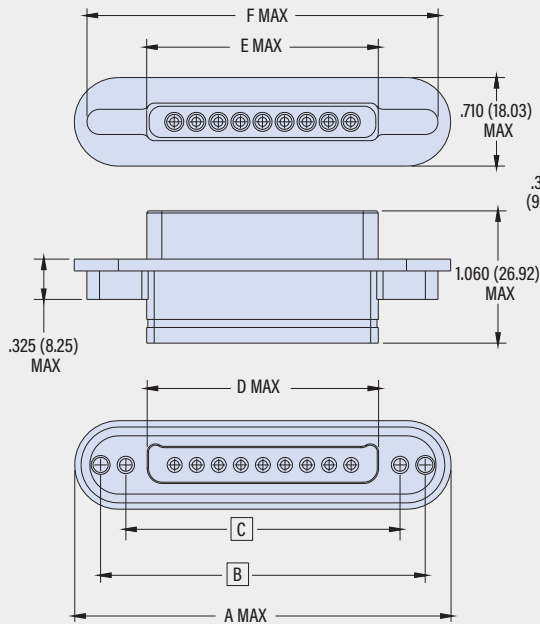


795-011S

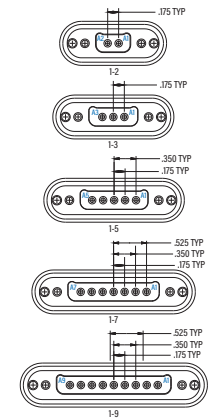
Panel-Mount Plug, Socket Contacts

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795-011S SINGLE ROW

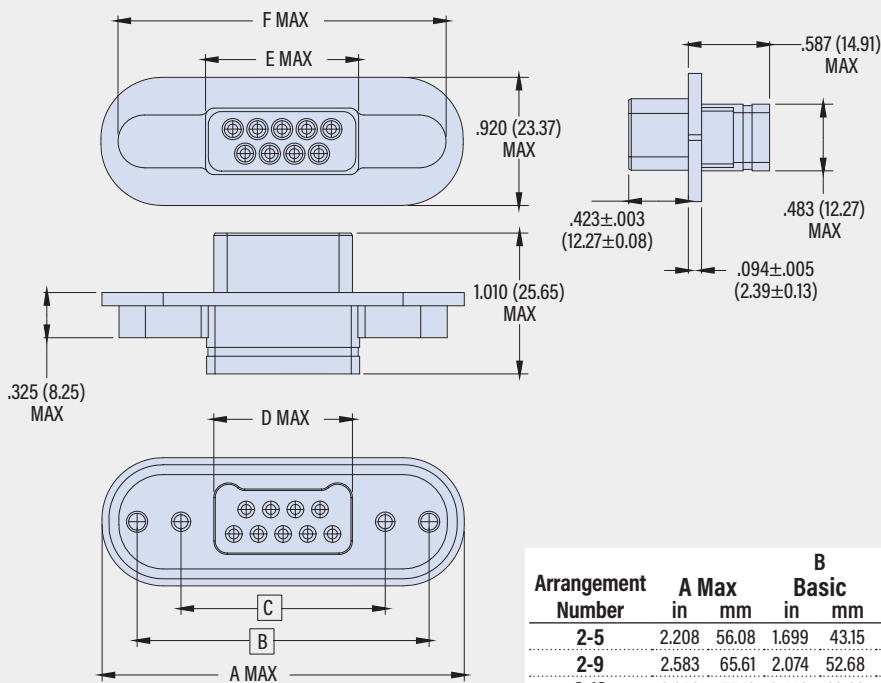


SINGLE ROW ARRANGEMENTS
RECEPTACLE MATING FACE VIEW

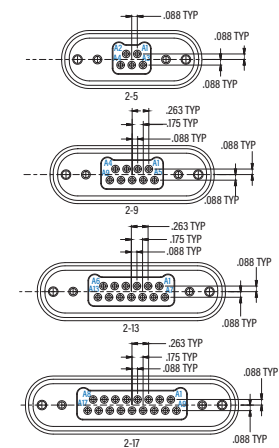


Arrangement Number	A Max		B ±.005 (0.13)		C Max.		D Max.	
	in	mm	in	mm	in	mm	in	mm
1-2	1.185	30.01	.900	22.86	1.045	26.54	.963	24.66
1-3	1.410	35.81	1.125	25.58	1.281	32.54	1.199	30.46
1-5	1.560	39.62	1.085	27.56	1.517	38.53	1.435	36.45
1-7	2.085	52.96	1.800	45.72	1.753	44.56	1.671	42.44
1-9	2.460	62.48	2.175	55.25	1.835	46.61	1.840	46.74

795-011S TWO ROW



TWO ROW ARRANGEMENTS
RECEPTACLE MATING FACE VIEW



Arrangement Number	A Max		B Basic		C Basic		D Max	E Max	F Max			
	in	mm	in	mm	in	mm						
2-5	2.208	56.08	1.699	43.15	1.075	27.31	0.614	15.60	0.717	18.21	1.965	49.91
2-9	2.583	65.61	2.074	52.68	1.450	36.83	0.989	25.12	1.092	27.74	2.340	59.44
2-13	2.958	75.13	2.449	62.20	1.825	46.36	1.364	34.65	1.467	37.26	2.715	68.96
2-17	3.350	85.09	2.824	71.73	2.200	55.88	1.739	44.17	1.842	46.79	3.090	78.49

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