

RF, Microwave, and mmWave Interconnects
SERIES 795 High-Density
 Multi-Port RF Rectangular Connectors



795-009S
 Cable Plug, Socket Contacts

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

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 795-009 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

Three to eleven ports. Size 16 contacts. 795-009 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).

PART NUMBER

	795-009S	1-9	M	L
Base P/N	795-009S			
Arrangement No.	See Table 1 1-2 2 contacts 1-3 3 contacts 1-5 5 contacts 1-7 7 contacts 1-9 9 contacts 2-5 5 contacts, two row 2-9 9 contacts, two row 2-13 13 contacts, two row 2-17 17 contacts, two row			
Material/ Finish	M Alum/ Electroless Nickel MT Alum/ Nickel-PTFE			
Hardware Option	See Table 2 L Jackscrews, Socket Head #8-32, non-removable K Extended Jackscrews Slot Head #8-32, non-removable S Low-Profile Socket Head Screwlock #8-32, non-removable T Extended Screwlock, Knurled Head #8-32, non-removable P Jackposts #8-32, with nut and lock washer N No Hardware .198 (5.0) diameter thru-holes			

TABLE 1 ARRANGEMENT NUMBER

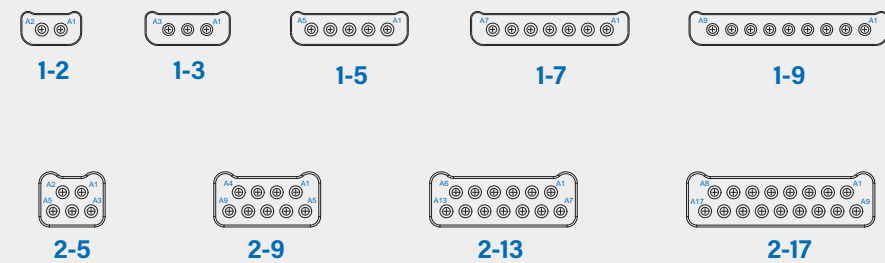
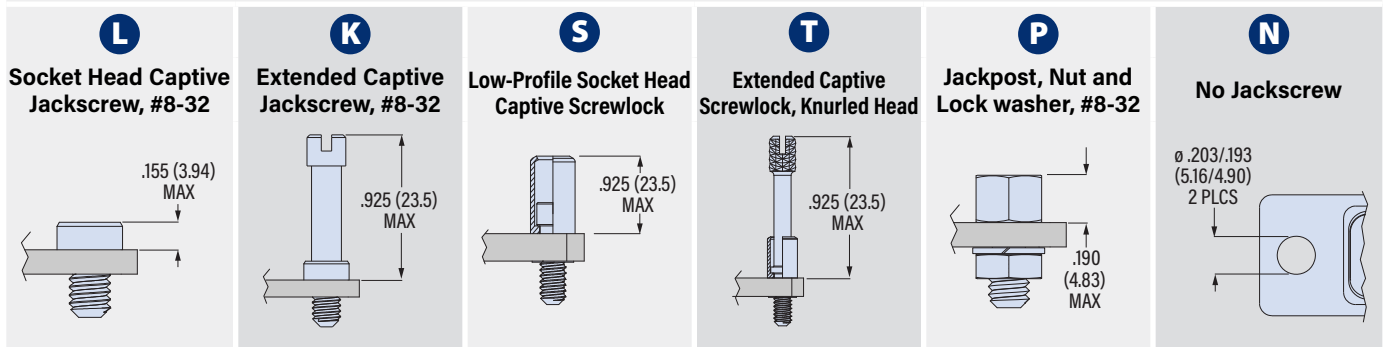


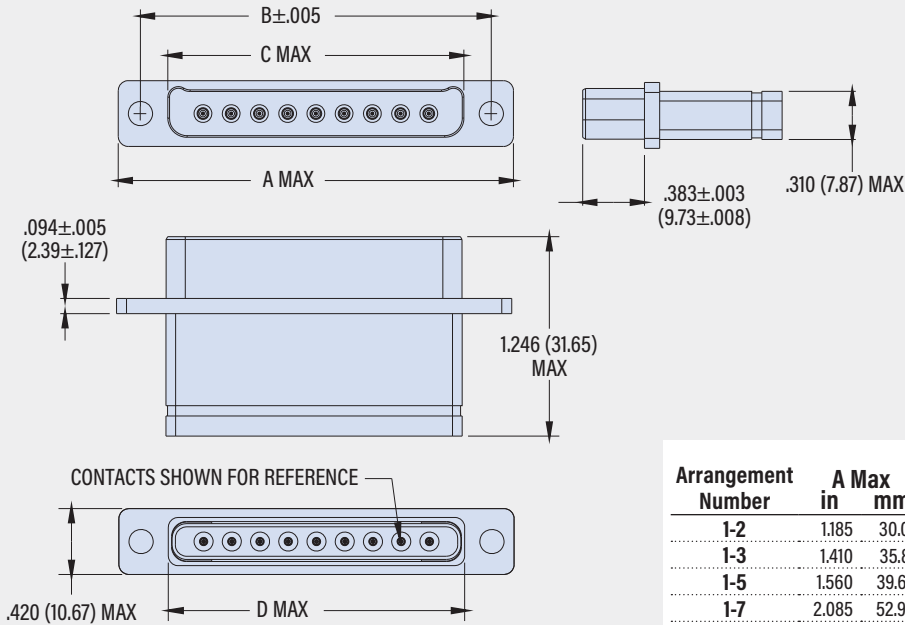
TABLE 2 HARDWARE OPTION



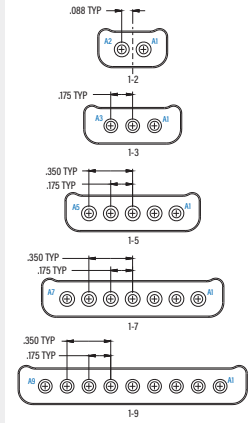
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795-009S SINGLE ROW

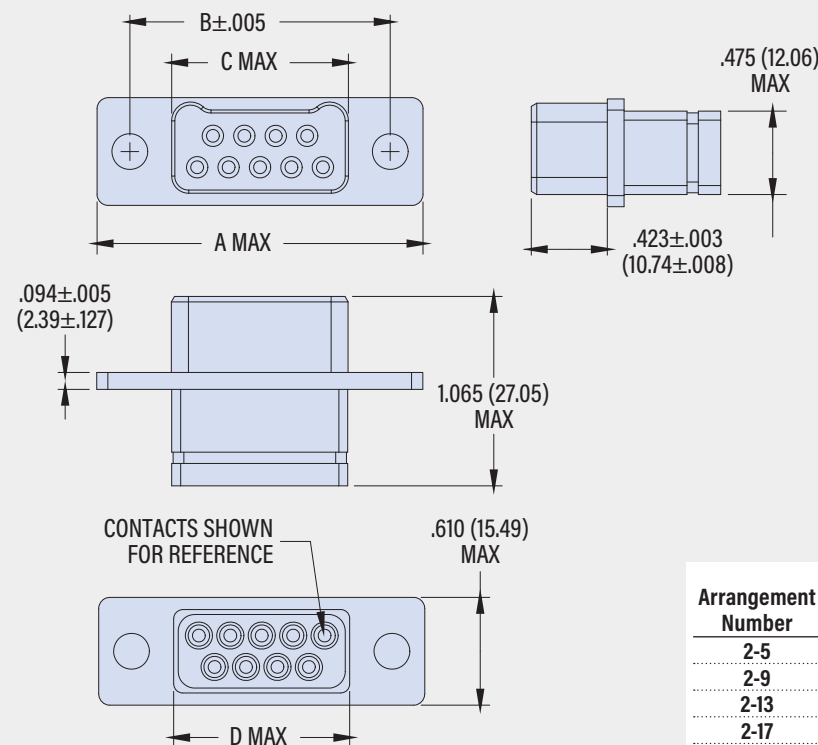


SINGLE ROW ARRANGEMENTS
 RECEPTACLE MATING FACE VIEW

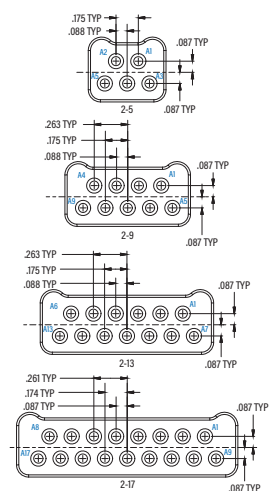


Arrangement Number	A Max		B ± .005 (0.13)		C Max.		D Max.	
	in	mm	in	mm	in	mm	in	mm
1-2	1.185	30.01	.900	22.86	1.045	26.54	.963	24.66
1-3	1.410	35.81	1.125	25.58	1.281	32.54	1.199	30.46
1-5	1.560	39.62	1.085	27.56	1.517	38.53	1.435	36.45
1-7	2.085	52.96	1.800	45.72	1.753	44.56	1.671	42.44
1-9	2.460	62.48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

795-009S TWO ROW



TWO 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
2-5	1.450	36.83	1.075	27.31	.615	15.62	.610	15.49
2-9	1.825	46.35	1.450	36.83	.990	25.15	.985	25.02
2-13	2.200	55.88	1.825	46.36	1.365	34.67	1.360	34.54
2-17	2.575	65.41	2.200	55.88	1.740	44.20	1.735	44.01

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