

**795-007S**  
 Panel-Mount Plug, Socket Contacts

- Size #12 Contacts
- All-Aluminum Body
- Three to Eleven Ports
- 40 GHz SMPM Coax
- Environmental
- Scoop-Proof



**Size 8 contacts.** 795-007 panel mount plugs accommodate from three to eleven coax socket contacts. Environmentally protected with O-ring and rear grommet. Housing is 6061-T6 machined aluminum. Size 12 socket contact cavities have beryllium copper retention clips. Use with SMPM coax contacts (P/N 852-100, 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 795-007 connector.  
 Sold separately.*

for Flexible Coax Cable

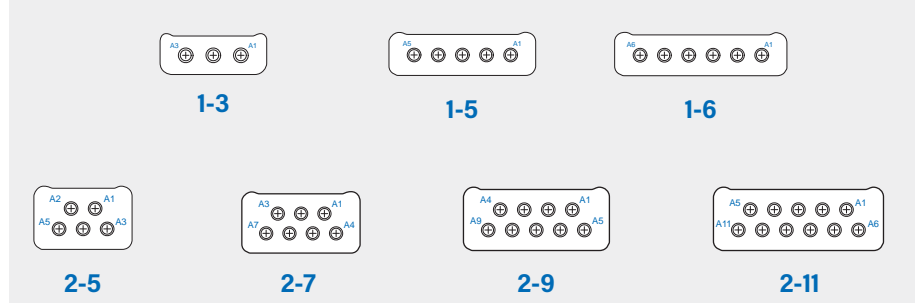


- Part Number **852-100**
- 40 GHz, solder termination
- Accepts 405 flex, 120s semiflex, and molex cable

**PART NUMBER**

	<b>795-007S</b>	<b>1-3</b>	<b>M</b>	<b>P</b>	<b>N</b>
<b>Base P/N</b>	<b>795-007S</b>				
<b>Arrangement No.</b>	<p><i>See Table 1</i></p> <p><b>1-3</b> 3 contacts</p> <p><b>1-5</b> 5 contacts</p> <p><b>1-6</b> 6 contacts</p> <p><b>2-5</b> 5 contacts, two row</p> <p><b>2-7</b> 7 contacts, two row</p> <p><b>2-9</b> 9 contacts, two row</p> <p><b>2-11</b> 11 contacts, two row</p>				
<b>Material/ Finish</b>	<p><b>M</b> Alum/ Electroless Nickel</p> <p><b>MT</b> Alum/ Nickel-PTFE</p>				
<b>Jackpost</b>	<p><b>P</b> Jackpost #8-32, Non-Removable</p> <p><b>N</b> No Jackpost</p>				
<b>O-ring</b>	<p><b>P</b> Fluorosilicone O-Ring</p> <p><b>C</b> Conductive O-ring</p> <p><b>N</b> No O-ring</p> <p><b>S</b> Metal EMI Spring (non-environmental)</p>				

**TABLE 1 ARRANGEMENT NUMBER**

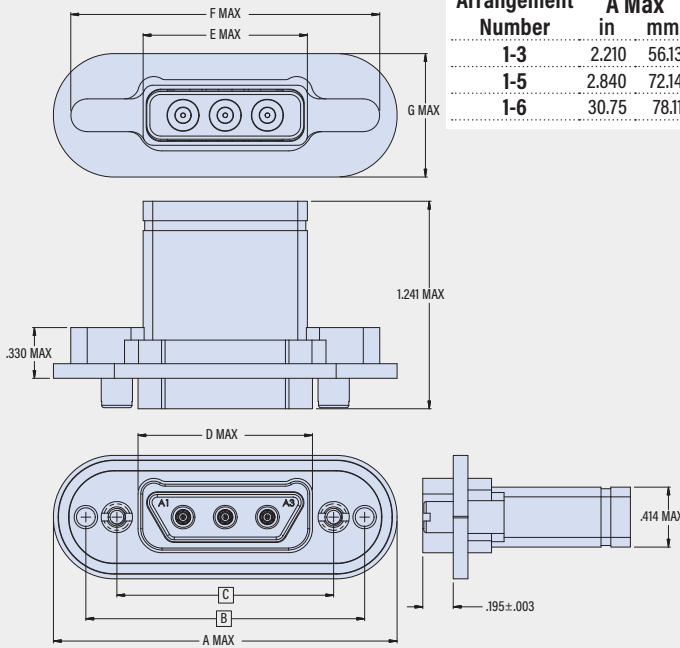


## 795-007S

### Panel-Mount Plug, Socket Contacts

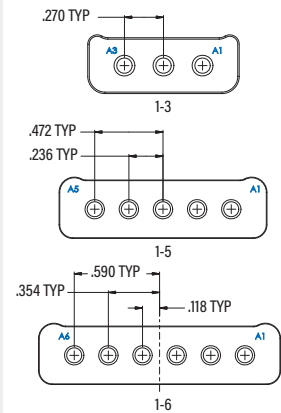
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#### 795-007S SINGLE ROW

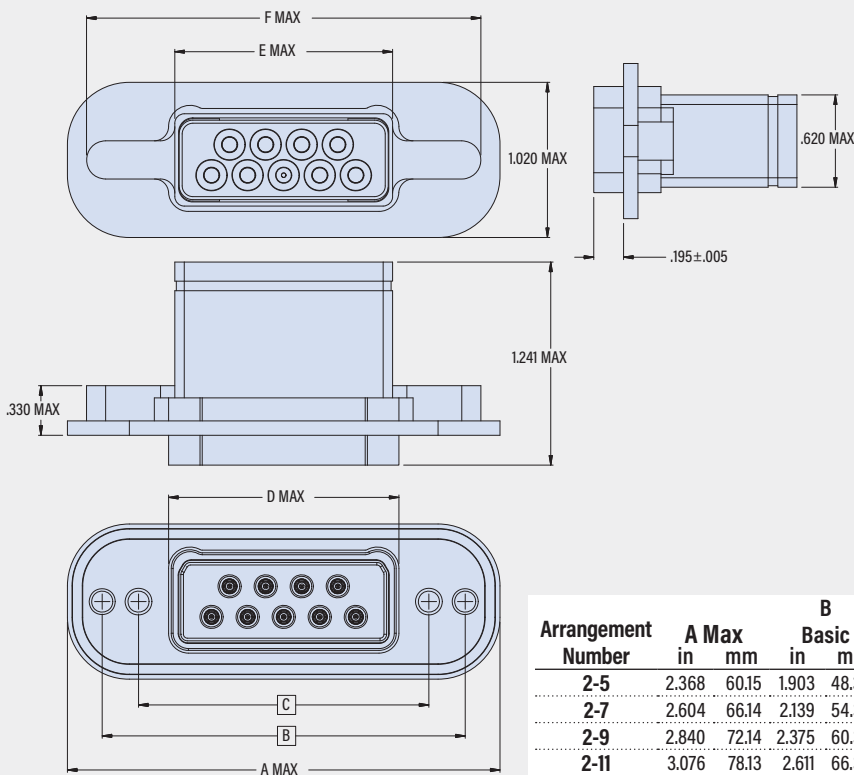


Arrangement Number	A Max		B Basic		C Basic		D Max		E Max		F Max		G Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
1-3	2.210	56.13	1.785	45.34	1.388	35.25	1.127	28.63	1.090	27.69	1.983	50.37	.800	20.32
1-5	2.840	72.14	2.375	60.33	1.900	48.26	1.516	38.51	1.440	36.58	2.590	65.79	.820	20.83
1-6	3.075	78.11	2.611	66.32	2.136	54.25	1.752	44.50	1.675	42.54	2.826	71.18	.820	20.83

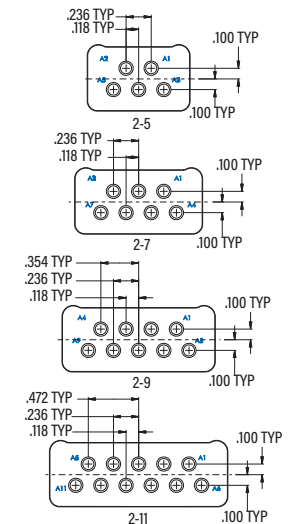
#### SINGLE ROW ARRANGEMENTS PLUG MATING FACE VIEW



#### 795-007S TWO ROW



#### TWO ROW ARRANGEMENTS PLUG MATING FACE VIEW



Arrangement Number	A Max		B Basic		C Basic		D Max		E Max		F Max	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
2-5	2.368	60.15	1.903	48.34	1.428	36.27	1.044	26.52	.968	24.59	2.118	53.80
2-7	2.604	66.14	2.139	54.33	1.664	42.27	1.280	32.51	1.204	30.58	2.354	59.79
2-9	2.840	72.14	2.375	60.33	1.900	48.26	1.516	38.51	1.440	36.58	2.590	65.79
2-11	3.076	78.13	2.611	66.32	2.136	54.25	1.752	44.50	1.676	42.57	2.826	71.78