

795-001S

Cable Plug, Socket Contacts

- Size #8 Contacts

■ All-Aluminum Body

■ Two to Nine Ports

■ 18 GHz BMB Coax

■ Environmental

■ Scoop-Proof



Shown with 50 ohm G-Link<sup>RF</sup> BMB to SMA Adapters

CONSTRUCTION

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

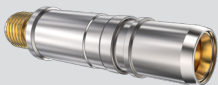
SPECIFICATIONS

- 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 795-001 connector.  
Sold separately.

G-Link<sup>RF</sup>



- Part Number **852-256**
- Integral release sleeve
- Attach SMA plug directly to contact

for Flexible Coax Cable



- See contacts reference page at the beginning of this section for compatible size 8 socket contacts

**Two to nine ports. Size 8 contacts.** 795-001 plugs have machined aluminum housings and fluorosilicone grommet for environmental protection. Size 8 socket contact cavities have beryllium copper retention clips. Use with 18 GHz BMB coax contacts (P/N 852-152, ordered separately) or 18 GHz G-LinkRF BMB/SMA coax contacts (852-256, ordered separately).

PART NUMBER

|                 |                                                                                                                                                                                                                                          |        |   |   |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|---|
|                 | 795-001S                                                                                                                                                                                                                                 | 8-1RF4 | M | L |
| Base P/N        | 795-001S                                                                                                                                                                                                                                 |        |   |   |
| Arrangement No. | <p>See Table 1</p> <p>8-1RF2 2 contacts</p> <p>8-1RF3 3 contacts</p> <p>8-1RF4 4 contacts</p> <p>8-1RF5 5 contacts</p> <p>8-2RF5 5 contacts, two row</p> <p>8-2RF7 7 contacts, two row</p> <p>8-2RF9 9 contacts, two row</p>             |        |   |   |
| Finish          | <p>M Electroless Nickel</p> <p>MT Nickel-PTFE</p> <p>NF Olive Drab Cadmium</p> <p>TZ Tin-Zinc</p> <p>ZR Black Zinc-Nickel</p>                                                                                                            |        |   |   |
| Hardware Option | <p>See Table 2</p> <p>L Jackscrews, Hex Head #8-32, non-removable</p> <p>K Extended Jackscrews Slot Head #8-32, non-removable</p> <p>N No Hardware .198 (5.0) diameter thru-holes</p> <p>P Jackposts #8-32, with nut and lock washer</p> |        |   |   |

TABLE 1 ARRANGEMENT NUMBER

Optimized for  
Size #8 BMB  
Contacts



8-1RF2



8-1RF3

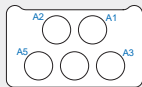


8-1RF4

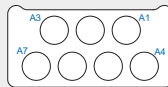


8-1RF5

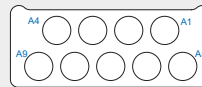
Cable Diameter:  
.240" Max  
.304" Max  
w/ G-Link



8-2RF5



8-2RF7



8-2RF9

Max Frequency:  
18 GHz

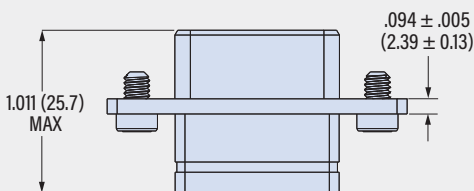
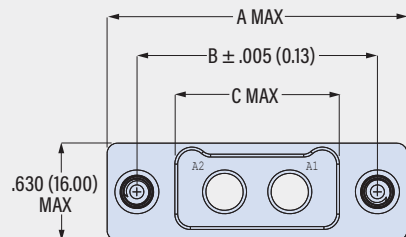
TABLE 2 HARDWARE OPTION

|                                                          |                                                          |                                                             |                                     |
|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|
| <p><b>L</b></p> <p>Hex Head Captive Jackscrew, #8-32</p> | <p><b>K</b></p> <p>Extended Captive Jackscrew, #8-32</p> | <p><b>P</b></p> <p>Jackpost, Nut and Lock washer, #8-32</p> | <p><b>N</b></p> <p>No Jackscrew</p> |
|----------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|

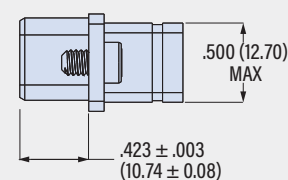
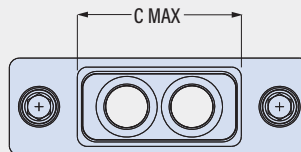
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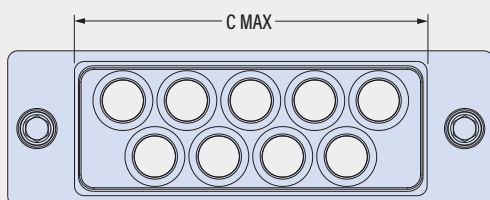
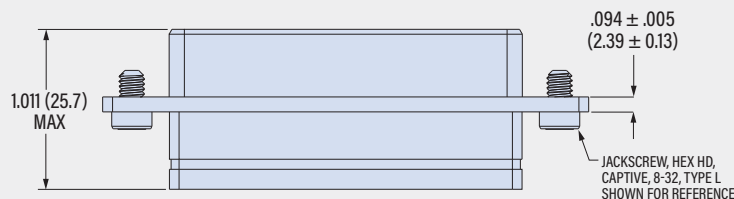
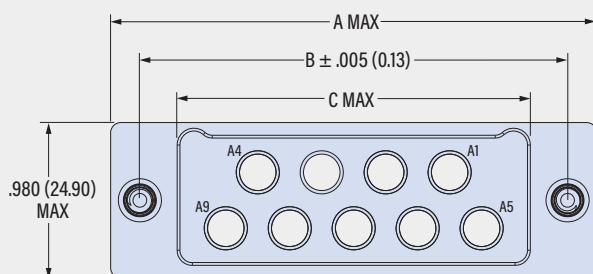
#### 795-001S SINGLE ROW



| Arrangement<br>Number | B           |             |                    |                    | C Max. |       |
|-----------------------|-------------|-------------|--------------------|--------------------|--------|-------|
|                       | A Max<br>in | A Max<br>mm | ±.005 (0.13)<br>in | ±.005 (0.13)<br>mm |        |       |
| 8-1RF2                | 1.850       | 46.99       | 1.475              | 37.47              | 1.015  | 25.78 |
| 8-1RF3                | 2.250       | 57.15       | 1.875              | 47.63              | 1.415  | 35.94 |
| 8-1RF4                | 1.650       | 67.31       | 2.275              | 57.79              | 1.815  | 46.10 |
| 8-1RF5                | 3.050       | 77.47       | 2.675              | 67.95              | 2.215  | 56.26 |



#### 795-001S DUAL ROW



| Arrangement<br>Number | B           |             |                    |                    | C Max. |       |
|-----------------------|-------------|-------------|--------------------|--------------------|--------|-------|
|                       | A Max<br>in | A Max<br>mm | ±.005 (0.13)<br>in | ±.005 (0.13)<br>mm |        |       |
| 8-2RF5                | 2.250       | 57.15       | 1.875              | 47.63              | 1.415  | 35.94 |
| 8-2RF7                | 2.650       | 67.31       | 2.275              | 57.79              | 1.815  | 46.10 |
| 8-2RF9                | 3.050       | 77.47       | 2.675              | 67.95              | 2.215  | 56.26 |

