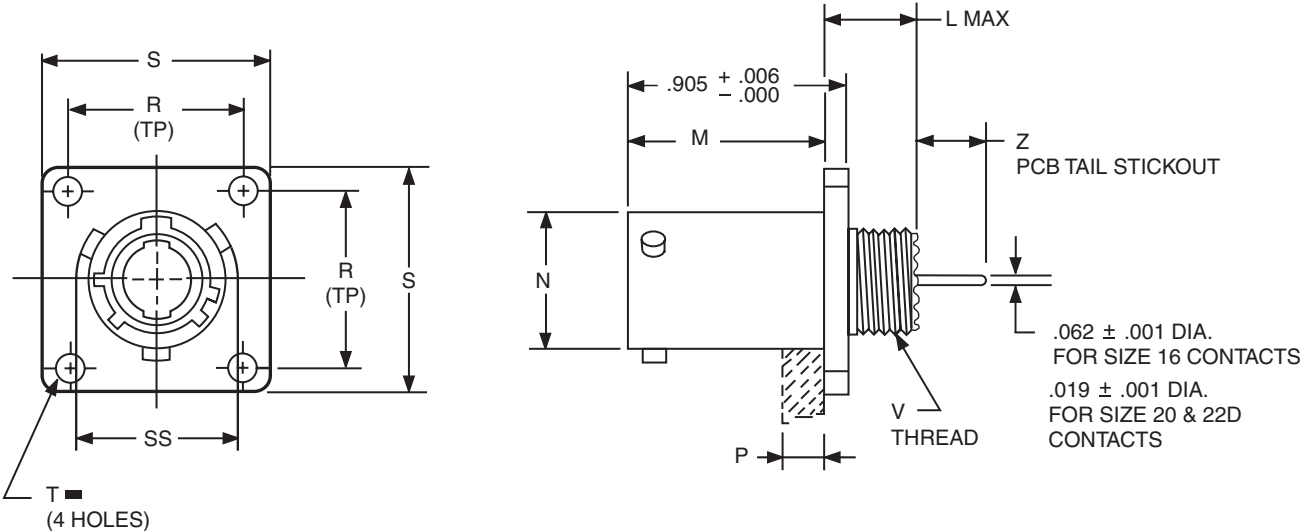


# MIL-DTL-38999 Series I Type Connectors

## with PCB contacts

### LJTPQ00R wall mounting receptacle

(back panel mounting)



#### HOW TO ORDER

- Order by applicable 88/91 part number in table below.  
88 prefix designates olive drab cadmium plated connector shell.  
91 prefix designates electroless nickel plated connector shell.
- Add insert arrangement to end of number. Refer to insert availability chart on page 4 and pin-out illustrations on pages 5-24. Last letter of part number designates rotation; P for pins in normal position, S for sockets in normal position. See page 25 for alternate rotation letter to use.  
Example part number: 88-569701-35P designates shell size 9 with a 9-35 insert and pin contacts in normal position.
- Z dimension is determined by contact type in the insert arrangement.
- Most common options are shown; other options are available.

| Shell Size | Part Number      | L Max. | M $\begin{smallmatrix} +.000 \\ -.005 \end{smallmatrix}$ | N Dia. | P Max. Panel Thickness | R (TP) | S $\begin{smallmatrix} +.011 \\ -.010 \end{smallmatrix}$ | T Dia. $\pm .005$ | V Thread Class 2A (Plated) | SS Dia. $\begin{smallmatrix} +.000 \\ -.016 \end{smallmatrix}$ | Z                     |                   |
|------------|------------------|--------|----------------------------------------------------------|--------|------------------------|--------|----------------------------------------------------------|-------------------|----------------------------|----------------------------------------------------------------|-----------------------|-------------------|
|            |                  |        |                                                          |        |                        |        |                                                          |                   |                            |                                                                | Size 16 & 20 Contacts | Size 22D Contacts |
| 9          | 88/91-569701-XXX | .453   | .820                                                     | .572   | .234                   | .719   | .938                                                     | .128              | .4375-28 UNEF              | .662                                                           | .281 – .235           | .249 – .188       |
| 11         | 702-XXX          | .453   | .820                                                     | .700   | .234                   | .812   | 1.031                                                    | .128              | .5625-24 UNEF              | .810                                                           | .281 – .235           | .249 – .188       |
| 13         | 703-XXX          | .453   | .820                                                     | .850   | .234                   | .906   | 1.125                                                    | .128              | .6875-24 UNEF              | .960                                                           | .281 – .235           | .249 – .188       |
| 15         | 704-XXX          | .453   | .820                                                     | .975   | .234                   | .969   | 1.219                                                    | .128              | .8125-20 UNEF              | 1.085                                                          | .281 – .235           | .249 – .188       |
| 17         | 705-XXX          | .453   | .820                                                     | 1.100  | .234                   | 1.062  | 1.312                                                    | .128              | .9375-20 UNEF              | 1.210                                                          | .281 – .235           | .249 – .188       |
| 19         | 706-XXX          | .453   | .820                                                     | 1.207  | .234                   | 1.156  | 1.438                                                    | .128              | 1.0625-18 UNEF             | 1.317                                                          | .281 – .235           | .249 – .188       |
| 21         | 707-XXX          | .484   | .790                                                     | 1.332  | .204                   | 1.250  | 1.562                                                    | .128              | 1.1875-18 UNEF             | 1.442                                                          | .281 – .235           | .249 – .188       |
| 23         | 708-XXX          | .484   | .790                                                     | 1.457  | .204                   | 1.375  | 1.688                                                    | .147              | 1.3125-18 UNEF             | 1.567                                                          | .281 – .235           | .249 – .188       |
| 25         | 709-XXX          | .484   | .790                                                     | 1.582  | .193                   | 1.500  | 1.812                                                    | .147              | 1.4375-18 UNEF             | 1.692                                                          | .281 – .235           | .249 – .188       |

All dimensions for reference only.

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