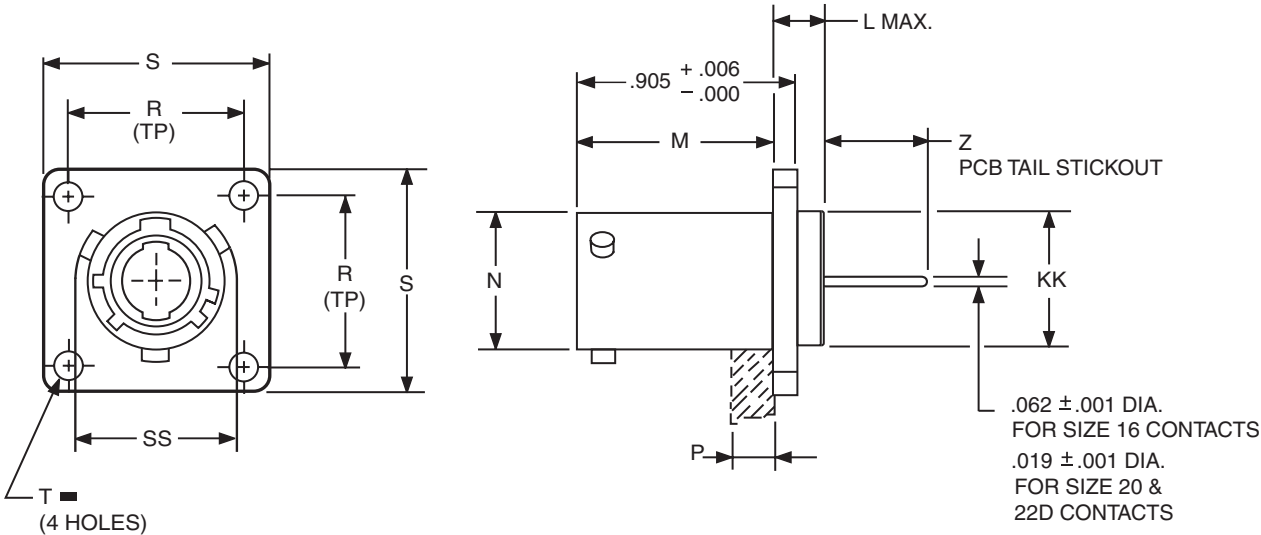


# MIL-DTL-38999 Series I Type Connectors

## with PCB contacts

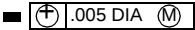
### LJTP02R box mounting receptacle

(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: 88-569711-35P 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<br>+.000<br>-.005 | N<br>+.001<br>-.005 | P Max. Panel Thickness | R (TP) | S<br>+.011<br>-.010 | T Dia.<br>±.005 | KK Dia.<br>+.006<br>-.005 | SS Dia.<br>+.000<br>-.016 | Z                     |                   |
|------------|------------------|--------|---------------------|---------------------|------------------------|--------|---------------------|-----------------|---------------------------|---------------------------|-----------------------|-------------------|
|            |                  |        |                     |                     |                        |        |                     |                 |                           |                           | Size 16 & 20 Contacts | Size 22D Contacts |
| 9          | 88/91-569711-XXX | .203   | .820                | .572                | .234                   | .719   | .938                | .128            | .433                      | .662                      | .454 – .401           | .468 – .406       |
| 11         | 712-XXX          | .203   | .820                | .700                | .234                   | .812   | 1.031               | .128            | .557                      | .810                      | .454 – .401           | .468 – .406       |
| 13         | 713-XXX          | .203   | .820                | .850                | .234                   | .906   | 1.125               | .128            | .676                      | .960                      | .454 – .401           | .468 – .406       |
| 15         | 714-XXX          | .203   | .820                | .975                | .234                   | .969   | 1.219               | .128            | .801                      | 1.085                     | .454 – .401           | .468 – .406       |
| 17         | 715-XXX          | .203   | .820                | 1.100               | .234                   | 1.062  | 1.312               | .128            | .926                      | 1.210                     | .454 – .401           | .468 – .406       |
| 19         | 716-XXX          | .203   | .820                | 1.207               | .234                   | 1.156  | 1.438               | .128            | 1.032                     | 1.317                     | .454 – .401           | .468 – .406       |
| 21         | 717-XXX          | .234   | .790                | 1.332               | .204                   | 1.250  | 1.562               | .128            | 1.157                     | 1.442                     | .454 – .401           | .468 – .406       |
| 23         | 718-XXX          | .234   | .790                | 1.457               | .204                   | 1.375  | 1.688               | .147            | 1.282                     | 1.567                     | .454 – .401           | .468 – .406       |
| 25         | 719-XXX          | .234   | .790                | 1.582               | .193                   | 1.500  | 1.812               | .147            | 1.407                     | 1.692                     | .454 – .401           | .468 – .406       |

All dimensions for reference only.

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