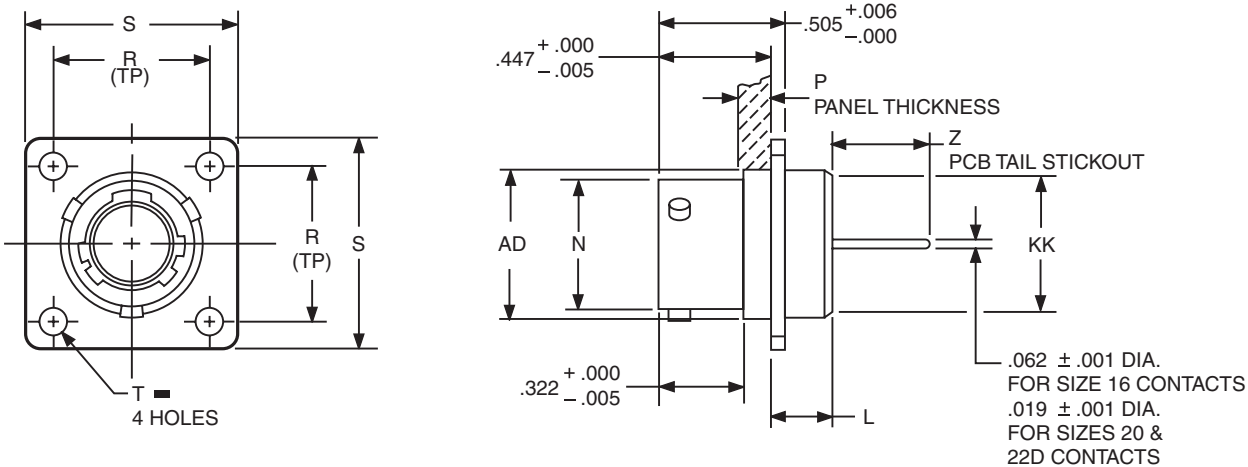# MIL-DTL-38999 Series II Type Connectors with PCB contacts
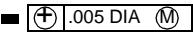## JTP02R box mounting receptacle
(back panel mounting)

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: 88-569741-35P designates shell size 8 with a 8-35 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.	N +.001 −.005	P Max. Panel Thickness	R (TP)	S ±.016	T Dia. ±.005	AD Dia. ±.005	KK Dia. Max.	Z Size 16 & 20 Contacts	Z Size 22D Contacts
8	88/91-569741-XXX	.225	.473	.147	.594	.812	.120	.516	.531	.455 – .403	.466 – .409
10	742-XXX	.225	.590	.152	.719	.938	.120	.633	.656	.455 – .403	.466 – .409
12	743-XXX	.225	.750	.152	.812	1.031	.120	.802	.828	.455 – .403	.466 – .409
14	744-XXX	.225	.875	.152	.906	1.125	.120	.927	.953	.455 – .403	.466 – .409
16	745-XXX	.225	1.000	.152	.969	1.219	.120	1.052	1.078	.455 – .403	.466 – .409
18	746-XXX	.225	1.125	.152	1.062	1.312	.120	1.177	1.203	.455 – .403	.466 – .409
20	747-XXX	.225	1.250	.179	1.156	1.438	.120	1.302	1.328	.455 – .403	.466 – .409
22	748-XXX	.225	1.375	.179	1.250	1.562	.120	1.427	1.453	.455 – .403	.466 – .409
24	749-XXX	.225	1.500	.169	1.375	1.688	.147	1.552	1.578	.455 – .403	.466 – .409

All dimensions for reference only.

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol](#):
  [88-569747-35S](#) [91-569744-18P](#) [88-569746-35S](#) [91-569747-35S](#) [91-569746-32P](#) [88-569743-35S](#)