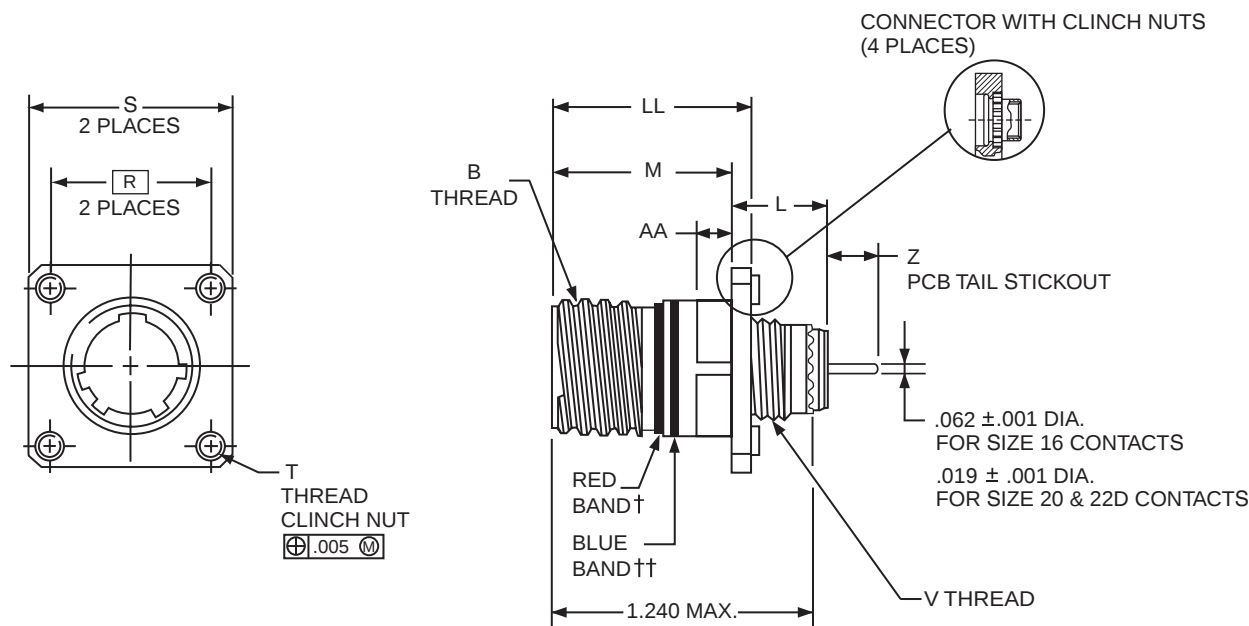


MIL-DTL-38999 Series III Type Connectors with PCB contacts

TVP00R wall mounting receptacle (back panel mounting) (with clinch nuts)



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: 88-628741-35P 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.

Composite Series III connectors are available; consult Amphenol, Sidney, NY.

- ☐ Designates true position dimensioning
- † Red band indicates fully mated
- †† Blue band indicates rear release contact retention system

Shell Size	Part Number with Clinch Nuts	B Thread Class 2A (Plated) 0.1P-0.3L-TS	L Max.	M +.000 - .005	R	S Max.	T Thread	V Thread Metric	AA Max. Panel Thickness	LL +.006 - .000	Z	
											Size 16 & 20 Contacts	Size 22D Contacts
9	88/91-628741-XXX	.6250	.469	.820	.719	1.094	.112-40UNC-3B	M12X1-6g	.234	.905	.228-.178	.242-.181
11	742-XXX	.7500	.469	.820	.812	1.187	.112-40UNC-3B	M15X1-6g	.234	.905	.228-.178	.242-.181
13	743-XXX	.8750	.469	.820	.906	1.281	.112-40UNC-3B	M18X1-6g	.234	.905	.228-.178	.242-.181
15	744-XXX	1.0000	.469	.820	.969	1.344	.112-40UNC-3B	M22X1-6g	.234	.905	.228-.178	.242-.181
17	745-XXX	1.1875	.469	.820	1.062	1.437	.112-40UNC-3B	M25X1-6g	.234	.905	.228-.178	.242-.181
19	746-XXX	1.2500	.469	.820	1.156	1.531	.112-40UNC-3B	M28X1-6g	.234	.905	.228-.178	.242-.181
21	747-XXX	1.3750	.500	.790	1.250	1.625	.112-40UNC-3B	M31X1-6g	.204	.905	.228-.178	.242-.181
23	748-XXX	1.5000	.500	.790	1.375	1.750	.138-32UNC-3B	M34X1-6g	.204	.905	.228-.178	.242-.181
25	749-XXX	1.6250	.500	.790	1.500	1.875	.138-32UNC-3B	M37X1-6g	.204	.905	.228-.178	.242-.181

All dimensions for reference only.

* Consult Amphenol for more information on ordering connectors with clinch nuts.

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