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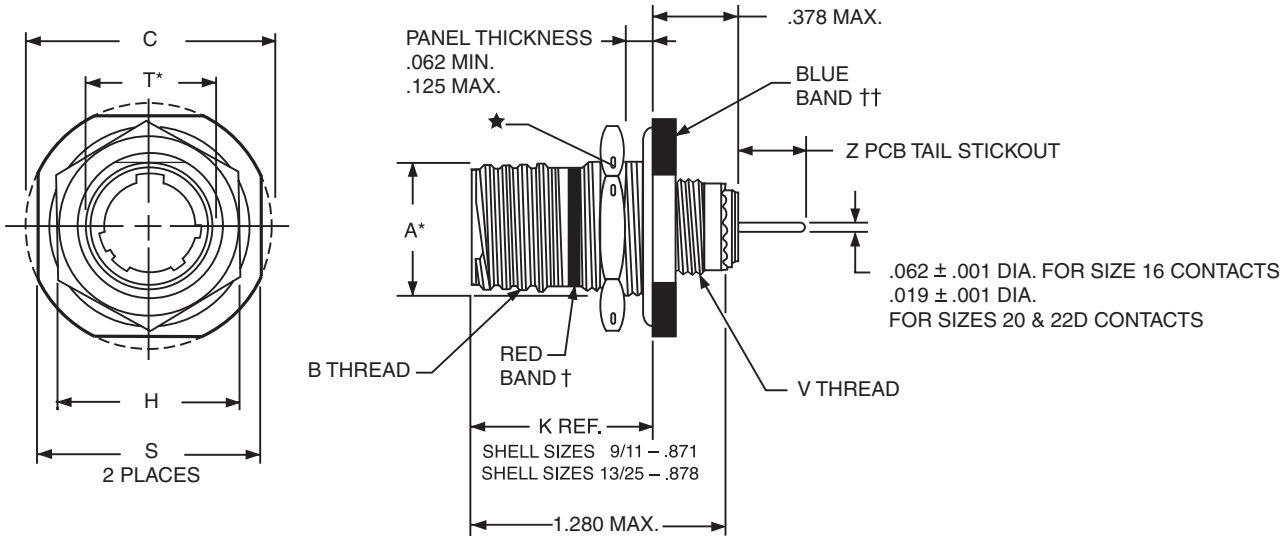
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MIL-DTL-38999 Series III Type Connectors with PCB contacts

TV07R jam nut receptacle



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: 88-569781-35P 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.

† Red band indicates fully mated

†† Blue band indicates rear release contact retention system

★ .059 dia. min. 3 lockwire holes. Formed lockwire hole design (6 holes) is optional.

* "D" shaped mounting hole dimensions

Shell Size	Part Number	A* +.000 –.000	B Thread Class 2A (Plated) 0.1P-0.3L-TS	C Max.	H Hex +.017 –.016	S ±.010	T +.010 –.000	V Thread Metric	Z	
									Size 16 & 20 Contacts	Size 22D Contacts
9	88/91-569781-XXX	.669	.6250	1.199	.875	1.062	.697	M12X1-6g	.244 – .200	.258 – .206
11	782-XXX	.769	.7500	1.386	1.000	1.250	.822	M15X1-6g	.244 – .200	.258 – .206
13	783-XXX	.955	.8750	1.511	1.188	1.375	1.007	M18X1-6g	.244 – .200	.258 – .206
15	784-XXX	1.084	1.0000	1.636	1.312	1.500	1.134	M22X1-6g	.244 – .200	.258 – .206
17	785-XXX	1.208	1.1875	1.761	1.438	1.625	1.259	M25X1-6g	.244 – .200	.258 – .206
19	786-XXX	1.333	1.2500	1.949	1.562	1.812	1.384	M28X1-6g	.222 – .177	.236 – .180
21	787-XXX	1.459	1.3750	2.073	1.688	1.938	1.507	M31X1-6g	.222 – .177	.236 – .180
23	788-XXX	1.575	1.5000	2.199	1.812	2.062	1.634	M34X1-6g	.222 – .177	.236 – .180
25	789-XXX	1.709	1.6250	2.323	2.000	2.188	1.759	M37X1-6g	.222 – .177	.236 – .180

All dimensions for reference only.

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