

MIL-DTL-38999 Series III Type TVS Connector
Jam Nut Receptacle with RJ45 Jack To Rear Solder Cup or PC Tail
Termination and Accessory Threads



NF	Cadmium olive drab
ME	Electroless nickel
MT	Nickel PTFE

1. See Section A for alternate key positions, panel cutout dimensions and complete finish options

*All external dimensions, features, etc.
compliant with D38999/20, /24, &/26.
Consult factory for additional information.*

Sample Part Number		244-003	NF	19	P	G	N	1
Basic Number	244-003							
Finish ¹	See Material & Finish Table							
Shell Size	17 or 19							
Termination	P = PC tail S = Solder cup							
Insert-to-Shell Grounding	G = Shielded and grounded to shell							
Alternate Key Position ¹	Per MIL-DTL-38999 A, B, C, D, E, N = Normal							
RJ45 Orientation	1, 2, 3, or 4							

Jam Nut Dimensions												
Shell Size	A Thread	B Thread	C		D Sq.		Ø E		Ø F		G Flat	
			in	mm	in	mm	in	mm				
17	1.1875-.1P-.3L-TS-2A	M32 x 1.0-6g 0.100R	.122	3.10	1.642	41.71	1.764	44.81	1.270	32.26	1.210	30.73
			.083	2.11	1.610	40.89	1.740	44.17	1.260	32.00	1.200	30.48
19	1.2500-.1P-.3L-TS-2A	M35 x 1.0-6g 0.100R	.154	3.91	1.827	46.41	1.949	49.50	1.395	35.43	1.35	33.91
			.114	2.90	1.795	45.59	1.925	48.90	1.385	35.18	1.325	33.66

Technical drawing of a panel mount connector showing three views: front, side, and top.

Front View (Left): Shows the circular connector with a central Master Keyway.

Side View (Middle): Shows the connector's profile with dimensions:

- Overall Width: 1.800 (45.72) Max
- Thread Dimensions: .880 (22.35) and .874 (22.20)
- Thread Labels: A Thread, Red Full-mate Indicator Band, B Thread
- Panel Thickness: .126 (3.20) and .062 (1.57)
- Accessory Thread: M34 X 1.0-6g 0.100R
- Solder Cup Dimensions: 10x .220 (5.59) and .180 (4.57)
- Solder Cup Labels: Solder Cups or PC Tails, Solder Cup To Accept #22 Awg Wire
- PC Tail Dimensions: Ø .021 (.53) and .018 (.46)

Top View (Right): Shows the circular layout of the solder cups and shield/ground connections:

- Overall Diameter: Ø E
- Shield/Ground Connections: 5, 6, 7, 8, 9, 10
- Solder Cup Connections: 1, 2, 3, 4
- Dimensions: D Sq., .030, .010, .020, .040
- Labels: Shield/Ground, Potting Compound

Pin Numbers Shown For Reference Only

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