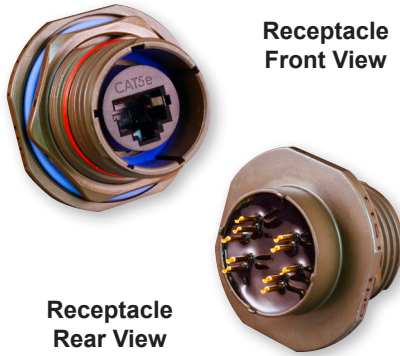




RJ45 CAT 5E ETHERNET RJ45 CAT 5e TVS connectors



244-001 Jam-nut receptacle, PC tail or solder cup
MIL-DTL-38999 Series III Type Connectors



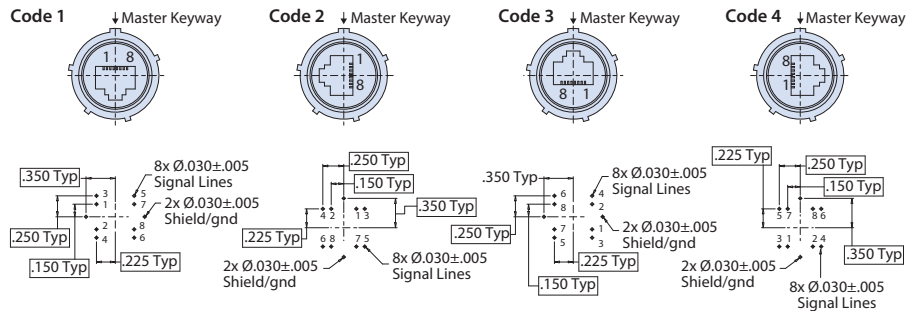
Receptacle
Front View

Receptacle
Rear View

| Part Number Development | | | | | | | |
|-------------------------------------|--|----|----|---|---|---|---|
| Sample Part Number | 244-001 | NF | 19 | P | G | N | 1 |
| Basic Number | 244-001 with stand-offs | | | | | | |
| Finish | See Material and 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 ² | | | | | | |
| RJ45 Orientation | 1, 2, 3, or 4 | | | | | | |

| Material and Finish | |
|---------------------|-----------------------------|
| NF | Aluminum/Cadmium Olive Drab |
| ME | Aluminum/Electroless Nickel |
| MT | Aluminum/Nickel PTFE |
| ZR | Aluminum/Black Zinc-Nickel |

RJ45 ORIENTATION CODE AND PCB LAYOUT (PCB LAYOUT FOR PCTAIL VERSION)



NOTES

- See Section A for alternate key/keyway positions and panel cutout dimensions
- See page B-24 for diode values

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

| Jam Nut Dimensions | | | | | | | | | | | | |
|--------------------|----------------------|------------------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Shell Size | A Thread | B Thread | C | | D Sq. | | Ø E | | Ø F | | G Flat | |
| | | | in | mm | in | mm | in | mm | in | mm | in | mm |
| 17 | 1.1875-.1P-.3L-TS-2A | M32 x 1.0-6g 0.100R | .122 .083 | 3.10 2.11 | 1.642 1.610 | 41.71 40.89 | 1.764 1.740 | 44.81 44.20 | 1.270 1.260 | 32.56 32.00 | 1.210 1.200 | 30.73 30.48 |
| 19 | 1.2500-.1P-.3L-TS-2A | M35 x 1.0-6g 0.100R | .154 .114 | 3.91 2.90 | 1.827 1.795 | 46.41 45.59 | 1.949 1.925 | 49.50 48.90 | 1.395 1.385 | 35.43 35.18 | 1.335 1.325 | 33.91 33.66 |

