

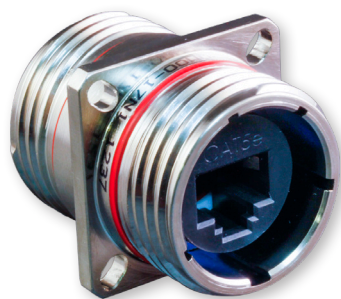


RJ45 CAT 5E/6A ETHERNET

# MIL-DTL-38999 Series III Type Connectors



233-330 Feed-through receptacle connector



Receptacle front View

| Part Number Development             |                                             |    |    |     |    |   |   |
|-------------------------------------|---------------------------------------------|----|----|-----|----|---|---|
| Sample Part Number                  | 233-330                                     | NF | 00 | -17 | 5H | N | 1 |
| Basic Number                        | 233-330                                     |    |    |     |    |   |   |
| Finish                              | See Material and Finish table               |    |    |     |    |   |   |
| Connector Style <sup>1</sup>        | See Connector Style table                   |    |    |     |    |   |   |
| Shell Size                          | 17 or 19                                    |    |    |     |    |   |   |
| RJ45 Category                       | 5H = CAT 5e<br>6A = CAT 6A                  |    |    |     |    |   |   |
| Alternate Key Position <sup>1</sup> | Per MIL-DTL-38999 A, B, C, D, E, N = Normal |    |    |     |    |   |   |
| RJ45 Orientation                    | 1, 2, 3, or 4                               |    |    |     |    |   |   |

## Material and Finish

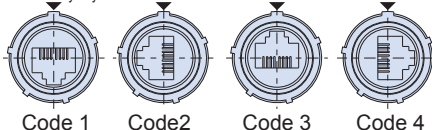
|    |                             |
|----|-----------------------------|
| NF | Aluminum/Cadmium Olive Drab |
| ME | Aluminum/Electroless Nickel |
| MT | Aluminum/Nickel PTFE        |
| ZR | Aluminum/Black Zinc-Nickel  |

## Connector Style<sup>1</sup>

|    |                                                      |
|----|------------------------------------------------------|
| 00 | Wall mount receptacle with slotted hole <sup>2</sup> |
| 07 | Jam nut, rear panel mount receptacle                 |
| D0 | Wall mount receptacle with round holes               |
| CM | Wall mount receptacle with metric clinch nuts        |

## RJ45 Orientation Options (Receptacle Face)

Master Keyway



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

## Jam Nut Dimensions

| Shell Size | Ø K   |       | L     |       | M Flat |       | R    |      |
|------------|-------|-------|-------|-------|--------|-------|------|------|
|            | in    | mm    | in    | mm    | in     | mm    | in   | mm   |
| 17         | 1.764 | 44.81 | 1.642 | 41.71 | 1.191  | 30.25 | .122 | 3.10 |
|            | 1.740 | 44.20 | 1.610 | 40.89 | 1.181  | 30.00 | .083 | 2.11 |
| 19         | 1.949 | 49.50 | 1.827 | 46.41 | 1.316  | 33.43 | .153 | 3.89 |
|            | 1.925 | 48.90 | 1.795 | 45.59 | 1.306  | 33.17 | .114 | 2.90 |

## Wall Mount Receptacle Dimensions

| Shell Size | B Sq  |       | C Bsc |       | D Bsc <sup>2</sup> |       | E    |      | F    |      | Ø H Holes |      |
|------------|-------|-------|-------|-------|--------------------|-------|------|------|------|------|-----------|------|
|            | In    | mm    | In    | mm    | In                 | mm    | In   | mm   | In   | mm   | In        | mm   |
| 17         | 1.323 | 33.60 | 1.062 | 26.97 | .969               | 24.61 | .136 | 3.45 | .202 | 5.13 | 0.136     | 3.45 |
|            | 1.299 | 32.99 |       |       |                    |       | .120 | 3.05 | .186 | 4.72 | 0.120     | 3.05 |
| 19         | 1.449 | 36.80 | 1.156 | 29.36 | 1.062              | 26.97 |      |      |      |      |           |      |
|            | 1.425 | 36.20 |       |       |                    |       |      |      |      |      |           |      |

## NOTES

1. See Section A for alternate key/keyway positions and panel cutout dimensions
2. front panel mount only
3. Meets IP67 in unmated condition, IP68 mated
4. Feed-thru receptacle is jack-to-jack configuration



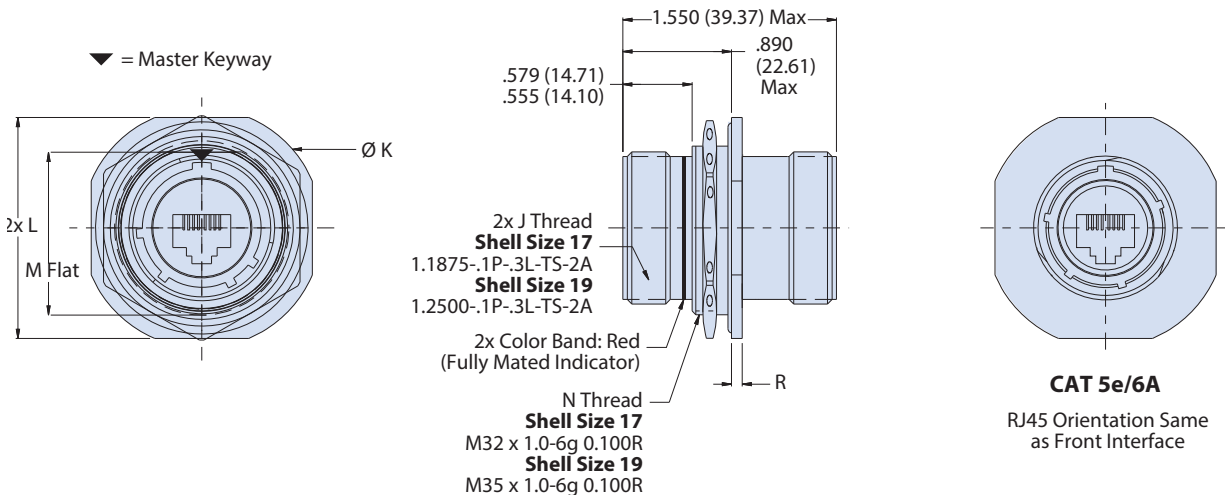
RJ45 CAT 5E/6A ETHERNET

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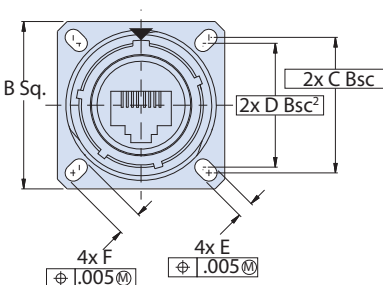
233-330 Feed-through receptacle connector

## 07 - REAR PANEL MOUNT, JAM NUT FEED-THROUGH RECEPTACLE

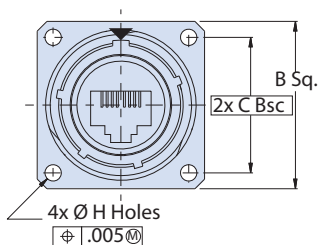


## 00, D0 AND CM - WALL MOUNT FEED-THRU RECEPTACLES

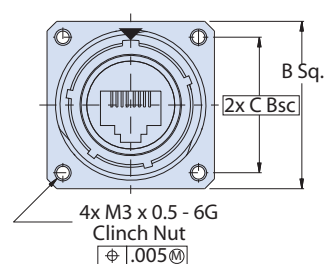
**00 - Wall Mount Receptacle  
with Slotted Holes  
(Mating Face)**



**D0 - Wall Mount Receptacle  
with Round Holes  
(Mating Face)**

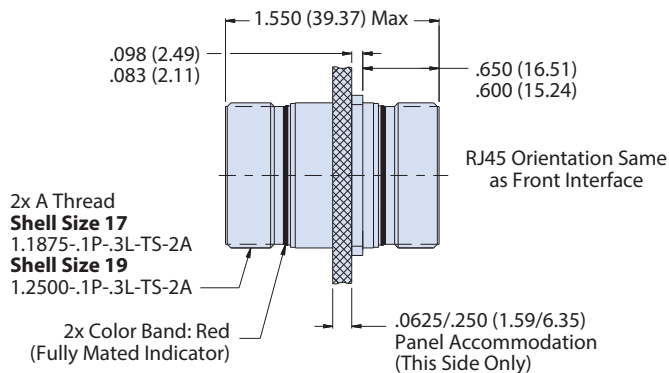


**CM - Wall Mount Receptacle  
With Metric Clinch Nuts  
(Mating Face)**



▼ = Master Keyway

**00, D0, CM - Wall Mount Receptacle**



**CM - Wall Mount Receptacle**

