



STANDARD CIRCULAR CONNECTORS



✓ Active

TE CONNECTIVITY (TE) JAM NUT RECEPTACLE

DEUTSCH | 38999 Series III

D38999/24JC08AN

TE Internal Number: YACT24JC08ANV00100

Mil-Spec: D38999/24JC08AN

Alias ID: ACT24JC08ANV001

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Product Type **Connector**

Mounting Style **Jam Nut**

Shell Plating Material **Cadmium, O.D.**

Shell Material **Composite**

Polarization Code **N**

Product Environmental Compliance

REACH Substance Communication Document

[RSCD_Cadmium](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information.

| Product Type Features | Product Type | Connector |
|-----------------------|------------------|----------------------|
| | Connector System | Wire-to-Panel |
| | Shell Size | C (13) |
| | Sealed | Yes |
| | Connector Style | Receptacle |
| | Shell Type | Jam Nut Receptacle |
| | Assembly Type | Electrical Connector |

| Configuration Features | | |
|------------------------|-----------------------------|-----------------------|
| | Number of Power Positions | 8 |
| | Preloaded | No |
| | Number of Positions | 8 |
| | Factory Installed Backshell | No |
| | Positions Unloaded | All |
| | Keying | Keyway Polarization N |
| | ... | .. |

| | | |
|----------------------------|--|---|
| | Position Keyed | N |
| Electrical Characteristics | Operating Voltage | 600 VAC [850 VDC] |
| | Voltage (Vrms) | 1800 |
| Body Features | Shell Plating Material | Cadmium, O.D. |
| | Shell Material | Composite |
| | Insulation Material | Hard Dielectric/Silicone |
| | Hermetically Sealed | No |
| | Weight | 15.5 g [.0342 lb] |
| | Fluid Type | Coolanol 25, M2-V, MIL-DTL-5624 (JP-4,JP-5), MIL-DTL-83133 (JP-8), MIL-PRF-23699, MIL-PRF-5606, MIL-PRF-7808, SEA-AMS1424 Type I |
| | Environmental Protection Type | Elastomer Sealed |
| | O-Ring Material | Silicone |
| | Environmental Protection | Yes |
| | Feedthrough Type | No |
| | Peripheral Seal Material | Silicone |
| Entry Style | Rear Insertion | |
| Contact Features | Contact Layout | C08 |
| | Contact Type | Pin |
| | Contact Quantity (Size 20) | 8 |
| Mechanical Attachment | Mounting Style | Jam Nut |
| | Polarization Code | N |
| | Mating Alignment Type | Keyed |
| | Mating Retention | With |
| | Flange | Jam Nut Flange |
| | Mating Retention Type | Triple Start Threaded |
| | Panel Mount Retention | With |
| | Panel Mount Retention Type | Jam Nut |
| Housing Features | Alignment Keyed | Clocking |
| Dimensions | Panel Thickness | 1.58 – 3.2 mm [.062 – .126 in] |
| | Accepts Wire Insulation Diameter Range | 1.02 – 2.11 mm [.04 – .083 in] |
| | Assembly Length | 33 mm [1.3 in] |

Usage Conditions

Operating Temperature Range

-65 – 175 °C [-85 – 347 °F]

Fluid Resistance

Yes

Operation/Application

Durability Rating (Cycles)

500

Packaging Features

Packaging Quantity

1

Product Compliance

[Statement of Compliance](#)
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