



# STANDARD CIRCULAR CONNECTORS



✓ Active

## TE CONNECTIVITY (TE) JAM NUT RECEPTACLE

DEUTSCH | 38999 Series III

D38999/24JB02AC

TE Internal Number: YACT24JB02ACV00100

Mil-Spec: D38999/24JB02AC

Alias ID: ACT24JB02ACV001

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 **C**

### 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	<b>Connector</b>
	Connector System	<b>Wire-to-Panel</b>
	Shell Size	<b>B (11)</b>
	Sealed	<b>Yes</b>
	Connector Style	<b>Receptacle</b>
	Shell Type	<b>Jam Nut Receptacle</b>
	Assembly Type	<b>Electrical Connector</b>
Configuration Features	Number of Power Positions	<b>2</b>
	Preloaded	<b>No</b>
	Number of Positions	<b>2</b>
	Factory Installed Backshell	<b>No</b>
	Positions Unloaded	<b>All</b>
	Keying	<b>Keyway Polarization C</b>

Position Keyed

**C**

## 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

**12 g [ .0265 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

**B02**

Contact Type

**Pin**

Contact Quantity (Size 16)

**2**

## Mechanical Attachment

Mounting Style

**Jam Nut**

Polarization Code

**C**

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

**1.65 – 2.77 mm [ .065 – .109 in ]**

Assembly Length

**33 mm [ 1.3 in ]**

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Usage Conditions

Operating Temperature Range

**-65 – 175 °C [-85 – 347 °F]**

Fluid Resistance

**Yes**

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Operation/Application

Durability Rating (Cycles)

**500**

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Packaging Features

Packaging Quantity

**1**

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Product Compliance

[Statement of Compliance](#)  
PDF

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