



# STANDARD CIRCULAR CONNECTORS



✓ Active

## TE CONNECTIVITY (TE) SQUARE FLANGE RECEPTACLE

DEUTSCH | 38999 Series III

D38999/20JE06SN

TE Internal Number: YACT20JE06SNV00100

Mil-Spec: D38999/20JE06SN

Alias ID: ACT20JE06SN [V001]

Not EU RoHS or ELV Compliant

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Product Type **Connector**

Mounting Style **Square Flange**

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	<b>Connector</b>
	Connector System	<b>Wire-to-Panel</b>
	Shell Size	<b>E (17)</b>
	Sealed	<b>Yes</b>
	Connector Style	<b>Receptacle</b>
	Shell Type	<b>Square Flange Receptacle</b>
	Assembly Type	<b>Electrical Connector</b>
Configuration Features	Number of Power Positions	<b>6</b>
	Preloaded	<b>No</b>
	Number of Positions	<b>6</b>
	Factory Installed Backshell	<b>No</b>
	Positions Unloaded	<b>All</b>
	Keying	<b>Keyway Polarization N</b>
	...	<b>..</b>

	Position Keyed	<b>N</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>600</b>
	Operating Voltage (VDC)	<b>850</b>
	Voltage (Vrms)	<b>1800</b>
Body Features	Shell Plating Material	<b>Cadmium, O.D.</b>
	Shell Material	<b>Composite</b>
	Insulation Material	<b>Hard Dielectric/Silicone</b>
	Hermetically Sealed	<b>No</b>
	Weight	<b>22.7 g [ .0501 lb ]</b>
	Fluid Type	<b>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</b>
	Environmental Protection Type	<b>Elastomer Sealed</b>
	O-Ring Material	<b>Silicone</b>
	Environmental Protection	<b>Yes</b>
	Feedthrough Type	<b>No</b>
	Peripheral Seal Material	<b>Silicone</b>
Entry Style	<b>Rear Insertion</b>	
Contact Features	Contact Layout	<b>E06</b>
	Contact Type	<b>Socket</b>
	Contact Quantity (Size 12)	<b>6</b>
Mechanical Attachment	Mounting Style	<b>Square Flange</b>
	Polarization Code	<b>N</b>
	Mating Alignment Type	<b>Keyed</b>
	Mating Retention	<b>With</b>
	Flange	<b>Square Flange</b>
	Mating Retention Type	<b>Triple Start Threaded</b>
	Panel Mount Retention	<b>With</b>
	Panel Mount Retention Type	<b>Square Flange</b>
Housing Features	Alignment Keyed	<b>Clocking</b>
Dimensions	Accepts Wire Insulation Diameter Range	<b>2.46 – 3.61 mm [ .097 – .142 in ]</b>
	Assembly Length	<b>31.5 mm [ 1.24 in ]</b>

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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](#)  
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