



STANDARD CIRCULAR CONNECTORS



✓ Active

TE CONNECTIVITY (TE) JAM NUT RECEPTACLE

DEUTSCH | 38999 Series III

D38999/24MB05PA
 TE Internal Number: YACT24MB05PAV00100
 Mil-Spec: D38999/24MB05PA
 Alias ID: ACT24MB05PAV001

Always EU RoHS/ELV Compliant

Product Type **Connector**

Mounting Style **Jam Nut**

Shell Plating Material **Electroless Nickel**

Shell Material **Composite**

Polarization Code **A**

No documentation available.

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	B (11)
	Sealed	Yes
	Connector Style	Receptacle
	Shell Type	Jam Nut Receptacle
	Assembly Type	Electrical Connector
Configuration Features	Number of Power Positions	5
	Preloaded	No
	Number of Positions	5
	Factory Installed Backshell	No
	Positions Unloaded	All
	Keying	Keyway Polarization A
	Position Keyed	A
Electrical Characteristics	Operating Voltage	600 VAC [850 VDC]
	Voltage (Vrms)	1800

Body Features	Shell Plating Material	Electroless Nickel
	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	B05
	Contact Type	Pin
	Contact Quantity (Size 20)	5
Mechanical Attachment	Mounting Style	Jam Nut
	Polarization Code	A
	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 – 200 °C [-85 – 392 °F]
	Fluid Resistance	Yes

Operation/Application

Durability Rating (Cycles)

500

Packaging Features

Packaging Quantity

1

Product Compliance

[Statement of Compliance](#)
PDF

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