



STANDARD CIRCULAR CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

SQUARE FLANGE RECEPTACLE

DEUTSCH | 38999 Series III

D38999/20JB98PN

TE Internal Number: YACT20JB98PNV00100

Mil-Spec: D38999/20JB98PN

Alias ID: ACT20JB98PN [V001]

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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	Connector
	Connector System	Wire-to-Panel
	Shell Size	B (11)
	Sealed	Yes
	Connector Style	Receptacle
	Shell Type	Square Flange Receptacle
	Assembly Type	Electrical Connector

Configuration Features		
	Number of Power Positions	6
	Preloaded	No
	Number of Positions	6
	Factory Installed Backshell	No
	Positions Unloaded	All
	Keying	Keyway Polarization N

	Position Keyed	N
Electrical Characteristics	Operating Voltage (VAC)	600
	Operating Voltage (VDC)	850
	Voltage (Vrms)	1800
Body Features	Shell Plating Material	Cadmium, O.D.
	Shell Material	Composite
	Insulation Material	Hard Dielectric/Silicone
	Hermetically Sealed	No
	Weight	9.6 g [.0212 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	B98
	Contact Type	Pin
	Contact Quantity (Size 20)	6
Mechanical Attachment	Mounting Style	Square Flange
	Polarization Code	N
	Mating Alignment Type	Keyed
	Mating Retention	With
	Flange	Square Flange
	Mating Retention Type	Triple Start Threaded
	Panel Mount Retention	With
	Panel Mount Retention Type	Square Flange
Housing Features	Alignment Keyed	Clocking
Dimensions	Accepts Wire Insulation Diameter Range	1.02 – 2.11 mm [.04 – .083 in]
	Assembly Length	31.5 mm [1.24 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](#)
PDF

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