

# DTS24W23-21PN [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS24W23-21PNV001

Standard Circular Connectors, Wire-to-Wire, 21 Position, .1 in [.06 mm] Centerline, Sealable, Wire & Cable, Power & Signal, Panel Mount, Cadmium O.D.

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > Jam Nut: D38999, 23-21 Insert



Connector System: **Wire-to-Wire**

Connector Mounting Type: **Panel Mount**

Number of Positions: **21**

Centerline (Pitch): **.06 mm [ .1 in ]**

Sealable: **Yes**

[All Jam Nut: D38999, 23-21 Insert \(18\)](#)

## Features

### Product Type Features

Product Type	Connector Assembly
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Jam Nut Receptacle

### Configuration Features

Number of Positions	21
Number of Power Positions	0
Number of Signal Positions	21
Contacts Preloaded	No

### Body Features

Shell Plating Material	Cadmium O.D.
Shell Base Material	Aluminum
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No



### Contact Features

Contact Current Rating (Max)	13 A
Reverse Gender	No
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin/Socket

### Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	Normal
Mating Alignment Type	Polarization
Mating Retention	Without

### Housing Features

Centerline (Pitch)	.06 mm [.1 in]
Circular Connector Shell Size	H (23)
Alignment Keyed	Clocking

### Dimensions

Wire Size	.61 – 1.21 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-65 – 200 °C [-85 – 392 °F]
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### Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cd (2.6% in Plating) Pb (1.2% in Pin Copper Alloy) <small>Article Safe Usage Statements:</small>



Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed for solder process capability

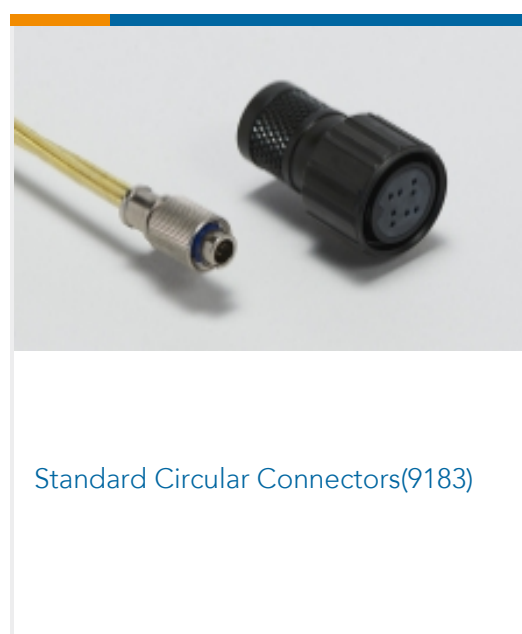
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



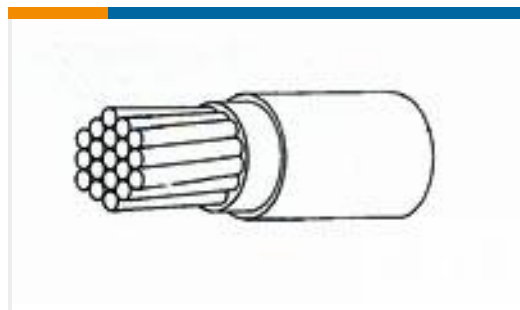
## Also in the Series | DEUTSCH 38999 Series III



## Customers Also Bought



TE Part #0662-207-0882  
CONT SOC ASSY



TE Part #160136-001  
22759/43-22-9



TE Part #YDTS26W19-32PBV001  
PLUG ASSY

## Documents

### Product Drawings

[RECP ASSY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS24W23-21PNV001\\_99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS24W23-21PNV001\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS24W23-21PNV001\\_99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS](#)

English