

DTS24W21-41SA [V001] 

✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS24W21-41SAV001

Standard Circular Connectors, Cable-to-Panel, 41 Position,  
Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D.,  
DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors > Jam Nut: D38999, 21-41 Insert



Connector System: **Cable-to-Panel**  
Connector Mounting Type: **Panel Mount**  
Number of Positions: **41**  
Sealable: **Yes**  
Connector & Contact Terminates To: **Wire & Cable**

[All Jam Nut: D38999, 21-41 Insert \(19\)](#)

Features

Product Type Features

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

Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 41 |
| Number of Power Positions  | 0  |
| Number of Signal Positions | 41 |
| Contacts Preloaded         | No |

Body Features

|                                             |                          |
|---------------------------------------------|--------------------------|
| Shell Plating Material                      | Cadmium, O.D.            |
| Shell Base Material                         | Aluminum 6061-T6         |
| Circular Connector Insulation Material Type | Hard Dielectric/Silicone |
| Hermetically Sealed                         | No                       |

Contact Features

|                                 |         |
|---------------------------------|---------|
| Contact Current Rating (Max)    | 7.5 A   |
| Reverse Gender                  | No      |
| Contact Layout Arrangement      | 21 – 41 |
| Circular Connector Contact Type | Socket  |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
| Polarization Code       | A           |
| Mating Alignment Type   | Keyed       |
| Mating Retention        | With        |

Housing Features

|                               |          |
|-------------------------------|----------|
| Circular Connector Shell Size | 21       |
| Alignment Keyed               | Clocking |

Dimensions

|           |                          |
|-----------|--------------------------|
| Wire Size | .2 – .52 mm <sup>2</sup> |
|-----------|--------------------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 200 °C[-85 – 392 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Cd (2.6% in Plating)<br>Pb (1.2% in Pin Copper Alloy)<br><b>Article Safe Usage Statements:</b><br>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           | Not Yet Reviewed for halogen content       |
| 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



TE Part # CAT-D38999-DTS24J  
D38999: Straight Plug, 21-41 Insert



TE Part # YDTS32W21NV0010000  
DUST COVER ASSEM



TE Part # YDTS33W21NV0010000  
DUST COVER ASSEM



TE Part # YDTS33W21RV0010000  
DUST COVER ASSEM



TE Part # YDTS32W21RV0010000  
DUST COVER ASSEM

Also in the Series | DEUTSCH 38999



Standard Circular Connectors(2577)

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(9183)

Customers Also Bought



TE Part #DT04-2P  
REC, 2P, GRY, N



TE Part #DT06-2S  
PLG, 2P, GRY, N



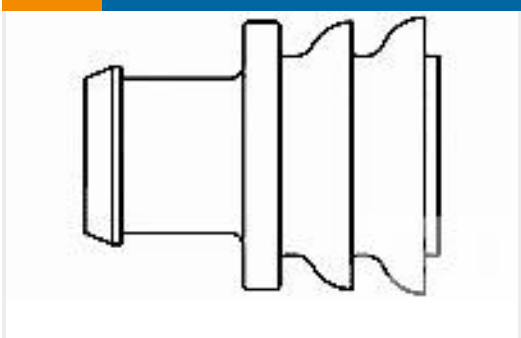
TE Part #W2S  
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

RECP ASSY

English

Datasheets & Catalog Pages

DEUTSCH DTS Series Connectors for 38999 QRG

English