

# DTS26F21-41PA ✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: DTS26F21-41PA

Standard Circular Connectors, Cable-to-Panel, 41 Position,  
Sealable, Wire & Cable, Signal, Panel Mount, Electroless Nickel,  
DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors > Straight Plug: D38999, 21-41 Insert, Electroless Nickel Plating



Connector System: **Cable-to-Panel**

Number of Positions: **41**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **7.5 A**

[All Straight Plug: D38999, 21-41 Insert, Electroless Nickel Plating \(69\)](#)

## Features

### Product Type Features

Product Type	Connector
Assembly Type	Electrical Connector
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Straight Plug

### Configuration Features

Keying & Polarized Position Locations	A
Factory Installed Backshell	No
Keying	Key Polarization A
Number of Positions	41
Number of Power Positions	0
Number of Signal Positions	41
Contacts Preloaded	No

### Electrical Characteristics



Operating Voltage	600 VAC
Voltage	1800 Vrms

### Body Features

Environmental Protection	Yes
Feedthrough Type	No
Environmental Protection Type	Elastomer Sealed
Entry Style	Rear Insertion
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
Shell Plating Material	Electroless Nickel
Shell Base Material	Aluminum 6061-T6
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No

### Contact Features

Contact Quantity (Size 20)	41
Contact Current Rating (Max)	7.5 A
Reverse Gender	No
Contact Layout Arrangement	21 – 41
Circular Connector Contact Type	Pin

### Mechanical Attachment

Mating Retention Type	Triple Start Threaded
Panel Mount Feature	Without
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

Accepts Wire Insulation Diameter Range	1.02 – 2.11 mm [.04 – .083 in]
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Assembly Length	31 mm[1.22 in]
Wire Size	.2 – .52 mm <sup>2</sup>

**Usage Conditions**

Fluid Resistance	Yes
Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

**Operation/Application**

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	Yes

**Packaging Features**

Packaging Quantity	1
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**Other**

Position Locations Omitted	All
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**Product Compliance**

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert subassembly) <b>Article Safe Usage Statements:</b> 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

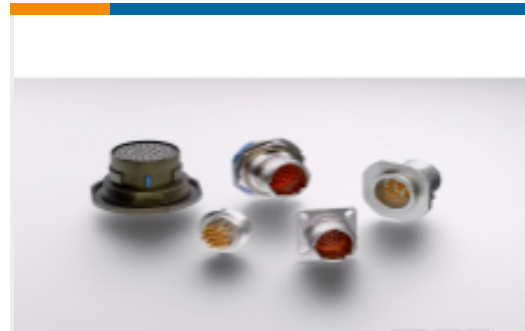
Product Compliance Disclaimer

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

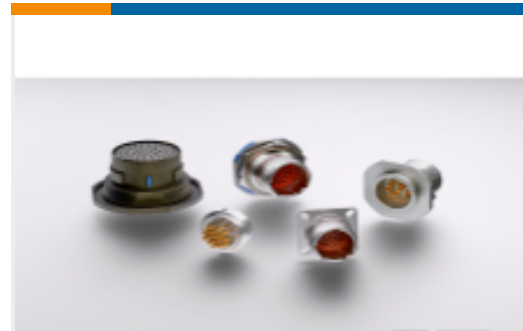


numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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>

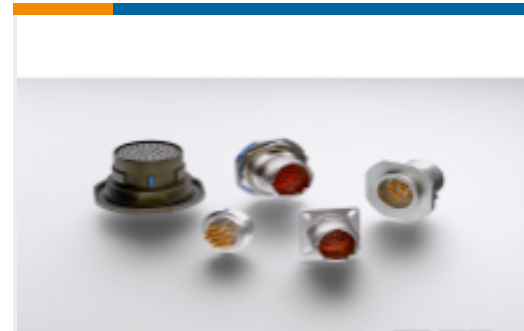
## Compatible Parts



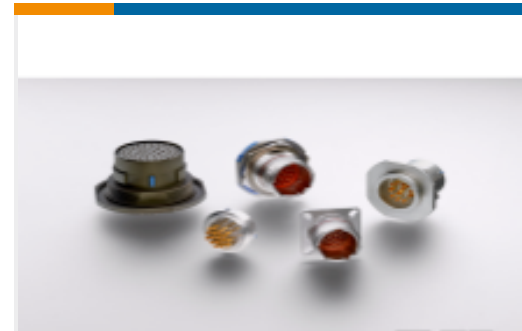
TE Part # YDTS21H21-41DA0000  
DTS21H21-41DA



TE Part # YDTS21H21-41SA0000  
DTS21H21-41SA



TE Part # YDTS23H21-41DA0000  
DTS23H21-41DA



TE Part # YDTS23H21-41SA0000  
DTS23H21-41SA



TE Part # YDTS24H21-41DA0000  
DTS24H21-41DA



TE Part # YDTS24H21-41SA0000  
DTS24H21-41SA

## Also in the Series | DEUTSCH 38999



Standard Circular Connectors(12501)

## Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(37354)

## Customers Also Bought



TE Part #2560-201-2031L  
CONT PIN



TE Part #205162-1  
AMPLIMITE,ASY,PLUG,STD,109,1



TE Part #YDTS20F21-41SNV001  
RECP ASSY

## Documents

### Product Drawings

#### PLUG ASSY

English

### Datasheets & Catalog Pages

#### DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English