

DTS26W17-35PN [V001]

✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III, DEUTSCH 38999

TE Internal #: YDTS26W17-35PNV001

55 Position Circular Connector, Cable-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D., Aluminum 6061-T6, DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors > D38999: Straight Plug, 17-35 Insert



Number of Positions: 55
Connector System: Cable-to-Panel
Sealable: Yes
Connector & Contact Terminates To: Wire & Cable
Contact Current Rating (Max): 5 A

[All D38999: Straight Plug, 17-35 Insert \(28\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
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	N
Factory Installed Backshell	No
Number of Positions	55
Number of Power Positions	0
Number of Signal Positions	55
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	550 VDC
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Body Features

Entry Style	Rear Insertion
Environmental Protection	Yes
Environmental Protection Type	Elastomer Sealed
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
Feedthrough Type	No
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 Quantity (Size 22D)	55
Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	17 – 35
Circular Connector Contact Type	Pin

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Triple Start Threaded
Connector Mounting Type	Panel Mount
Polarization Code	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	17
Alignment Keyed	Clocking

Dimensions

Compatible Insulation Diameter Range	.76 – 1.37 mm[.03 – .054 in]
Assembly Length	31 mm[1.22 in]
Wire Size	28 – 22 AWG



Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
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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	Not Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Cd (4.32% in Plating) Decamethylcyclopentasiloxane (D5) (5% in Insert subassembly) Article Safe Usage Statements: 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



TE Part # CAT-D38999-DTS6T
D38999: Square Flange, 17-35 insert



TE Part # CAT-D38999-DTS15L
Jam Nut: D38999, 17-35 Insert

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(2555)

Also in the Series | DEUTSCH 38999



Standard Circular Connectors(2555)

Customers Also Bought



TE Part #CAT-D38999-DTS24U
D38999: Straight Plug, 25-35 Insert



TE Part #YDTS26Z25-35PNV001
PLUG ASSY



TE Part #CAT-D38999-DTS23V
D38999: Straight Plug, 15-35 Insert



TE Part #YDTS26Z25-04PNV001
PLUG ASSY

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TE Part #YDTS26W11-35SNV001
PLUG ASSY



TE Part #YDTS24W17-35SNV001
RECP ASSY



TE Part #YDTS26W13-35PNV001
PLUG ASSY



TE Part #YDTS26W17-35PAV001
PLUG ASSY

Documents

Product Drawings

PLUG ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YDTS26W17-35PNV001_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YDTS26W17-35PNV001_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YDTS26W17-35PNV001_99.3d_stp.zip

English

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Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English