

DTS26W17-35PN [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS26W17-35PNV001

Standard Circular Connectors, Cable-to-Panel, 55 Position,
Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D.,
DEUTSCH 38999 Series III

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



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

Number of Positions: **55**

Sealable: **Yes**

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

Contact Current Rating (Max): **5 A**

[All D38999: Straight Plug, 17-35 Insert \(56\)](#)

Features

Product Type Features

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
Keying	Key Polarization N
Number of Positions	55
Number of Power Positions	0
Number of Signal Positions	55
Contacts Preloaded	No

Electrical Characteristics



Operating Voltage	400 VAC
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Voltage	1300 Vrms
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Body Features

Environmental Protection	Yes
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Feedthrough Type	No
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Environmental Protection Type	Elastomer Sealed
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Entry Style	Rear Insertion
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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
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Shell Plating Material	Cadmium, O.D.
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Shell Base Material	Aluminum 6061-T6
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Circular Connector Insulation Material Type	Hard Dielectric/Silicone
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Hermetically Sealed	No
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Contact Features

Contact Quantity (Size 22D)	55
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Contact Current Rating (Max)	5 A
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Reverse Gender	No
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Contact Layout Arrangement	17 – 35
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Circular Connector Contact Type	Pin
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Mechanical Attachment

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

Circular Connector Shell Size	17
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Alignment Keyed	Clocking
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Dimensions

Compatible Insulation Diameter Range	.76 – 1.37 mm [.03 – .054 in]
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Assembly Length	31 mm[1.22 in]
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Wire Size	.08 – .33 mm ²
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Usage Conditions

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

Durability Rating	500 Cycles
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Circuit Application	Signal
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Shielded	Yes
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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
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Pb (1.2% in Contact Lead-Copper Alloy)</p> <p>Cd (4.32% in Plating)</p> <p>Decamethylcyclopentasiloxane (D5) (5% in Insert subassembly)</p>
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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
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Solder Process Capability	Not reviewed for solder process capability
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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-DTS15L
Jam Nut: D38999, 17-35 Insert



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

Also in the Series | DEUTSCH 38999



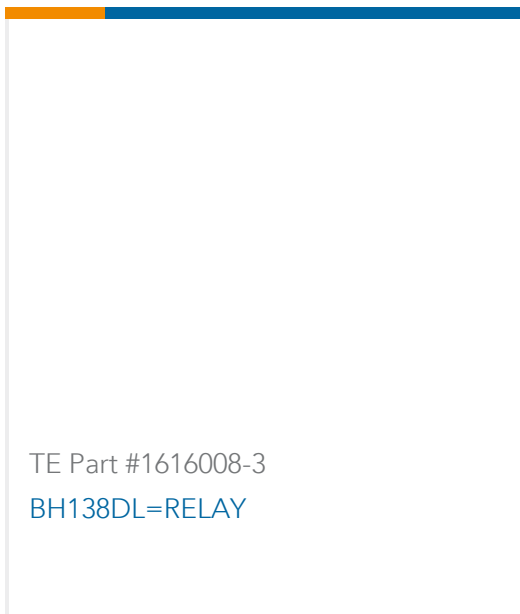
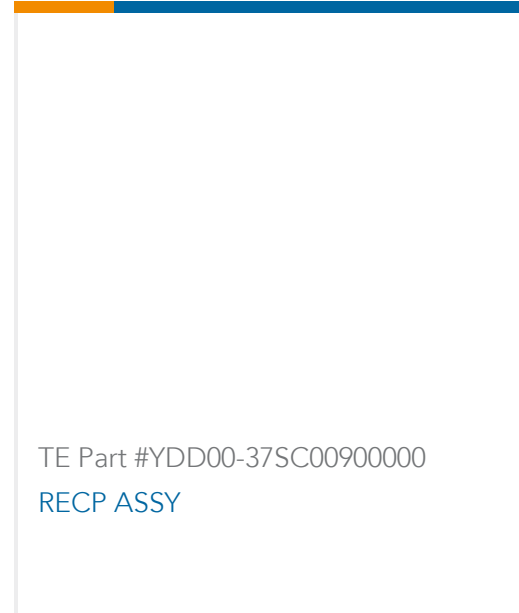
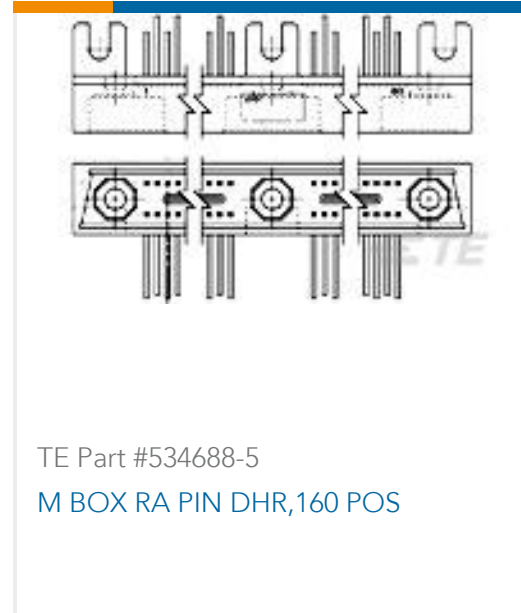
Standard Circular Connectors(8399)

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(22304)

Customers Also Bought



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