DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS26W17-06SNV001 Standard Circular Connectors, Cable-to-Panel, 6 Position, Sealable, Wire & Cable, Power, Panel Mount, Cadmium, O.D., DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors > D38999: Straight Plug, 17-06 Insert



Connector System: Cable-to-Panel Number of Positions: 6 Sealable: Yes Connector & Contact Terminates To: Wire & Cable Contact Current Rating (Max): 23 A

All D38999: Straight Plug, 17-06 Insert (23)

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	Ν
Factory Installed Backshell	No
Keying	Key Polarization N
Number of Positions	6
Number of Power Positions	6
Number of Signal Positions	0
Contacts Preloaded	No
Electrical Characteristics	

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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	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 12)	6
Contact Current Rating (Max)	23 A
Reverse Gender	No
Contact Layout Arrangement	17 – 6
Circular Connector Contact Type	Socket
Mechanical Attachment	
Mating Retention Type	Triple Start Threaded
Panel Mount Feature	Without
Connector Mounting Type	Panel Mount
Polarization Code	Ν
Mating Alignment Type	Keyed
Mating Retention	With
Housing Features	
Circular Connector Shell Size	17
Alignment Keyed	Clocking
Dimensions	
Compatible Insulation Diameter Range	2.46 – 3.61 mm[.097 – .142 in]

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Assembly Length	31 mm[1.22 in]
Wire Size	2.08 – 3.31 mm²
Usage Conditions	
Fluid Resistance	Yes
Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
Operation/Application	
Durability Rating	500 Cycles
Circuit Application	Power
Shielded	Yes
Packaging Features	
Packaging Quantity	1
Other	
Position Locations Omitted	All

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert subassembly) Cd (4.32% in Plating) Aticle 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 based on the information they provided. This information is subject to change	

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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

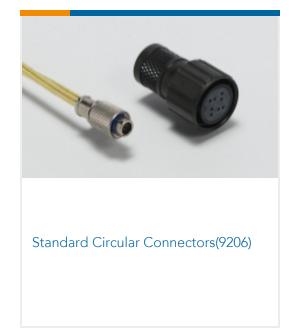


Also in the Series DEUTSCH 38999





Also in the Series | DEUTSCH 38999 Series III



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TE Part #YDTS26W09-98PNV001 PLUG ASSY



TE Part #YDTS26W23-35PNV001 PLUG ASSY

Documents

Product Drawings PLUG ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YDTS26W17-06SNV001_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YDTS26W17-06SNV001_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YDTS26W17-06SNV001_99.3d_stp.zip

English

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Datasheets & Catalog Pages

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DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English