# DTS26W17-06SN [V001] ACTIVE

## DEUTSCH | DEUTSCH 38999 Series III, DEUTSCH 38999

TE Internal #: YDTS26W17-06SNV001

6 Position Circular Connector, Cable-to-Panel, Sealable, Wire &

Cable, Power, Panel Mount, Cadmium, O.D., Aluminum 6061-T6,

DEUTSCH 38999 Series III

View on TE.com >



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



Number of Positions: 6

Connector System: Cable-to-Panel

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**

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	6
Number of Power Positions	6
Number of Signal Positions	0
Contacts Preloaded	No

#### **Electrical Characteristics**

Operating Voltage	850 VDC	
operating voitage	000 VDC	



## **Body Features**

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 12)	6
Contact Current Rating (Max)	23 A
Reverse Gender	No
Contact Layout Arrangement	17 – 6
Circular Connector Contact Type	Socket
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	2.46 – 3.61 mm[.097 – .142 in]
Assembly Length	31 mm[1.22 in]
Wire Size	14 – 12 AWG



## **Usage Conditions**

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: JAN 2025 (247)  Candidate List Declared Against: JUNE 2024 (241)  SVHC > Threshold:  Pb (1.2% in Contact Lead-Copper Alloy)  Decamethylcyclopentasiloxane (D5) (5% in Insert Subassembly)  Cd (4.32% in Plating)  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

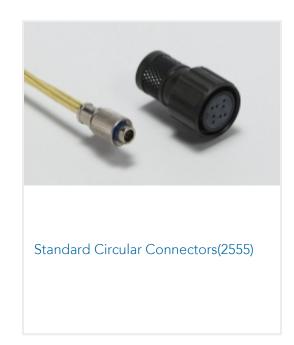
## Compatible Parts



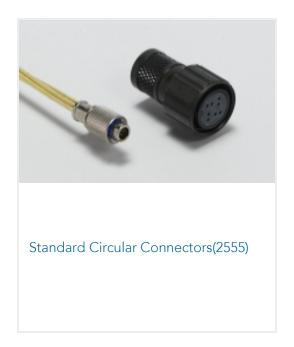
TE Part # CAT-D38999-DTS6V D38999: Square Flange, 17-06 insert



## Also in the Series | DEUTSCH 38999 Series III



## Also in the Series | DEUTSCH 38999



# Customers Also Bought













W31-X2M1G-7.50=W23/W31









## **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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English