DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS26W13-04PNV001 Standard Circular Connectors, Cable-to-Panel, 4 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, 13-04 Insert



Connector System: Cable-to-Panel Number of Positions: 4 Sealable: Yes Connector & Contact Terminates To: Wire & Cable Contact Current Rating (Max): 13 A

All D38999: Straight Plug, 13-04 Insert (54)

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	4			
Number of Power Positions	4			
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
Weight	22.1 g[.0488 lb]
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 16)	4
Contact Current Rating (Max)	13 A
Reverse Gender	No
Contact Layout Arrangement	13 – 4
Circular Connector Contact Type	Pin
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	13

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Compatible Insulation Diameter Range	1.65 – 2.77 mm[.065 – .109 in]		
Assembly Length	31 mm[1.22 in]		
Wire Size	.52 – 1.31 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>

ΕU	RoHS	Directive	2011	/65/EU
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EU ELV Directive 2000/53/EC

China RoHS 2 Directive MIIT Order No 32, 2016

EU REACH Regulation (EC) No. 1907/2006

Halogen Content

Solder Process Capability

Product Compliance Disclaimer

Compliant with Exemptions

Out of Scope

Restricted Materials Above Threshold

Current ECHA Candidate List: JUNE 2023

(235)

Candidate List Declared Against: JAN 2023

(233)

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.

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Not reviewed for solder process capability

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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

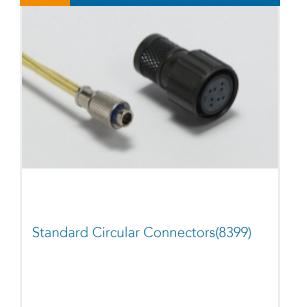


TE Part # CAT-D38999-DTS6L D38999: Square Flange, 13-04 insert

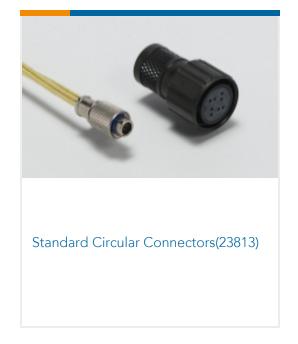


TE Part # CAT-D38999-DTS14Y Jam Nut: D38999, 13-04 Insert

Also in the Series DEUTSCH 38999



Also in the Series DEUTSCH 38999 Series III

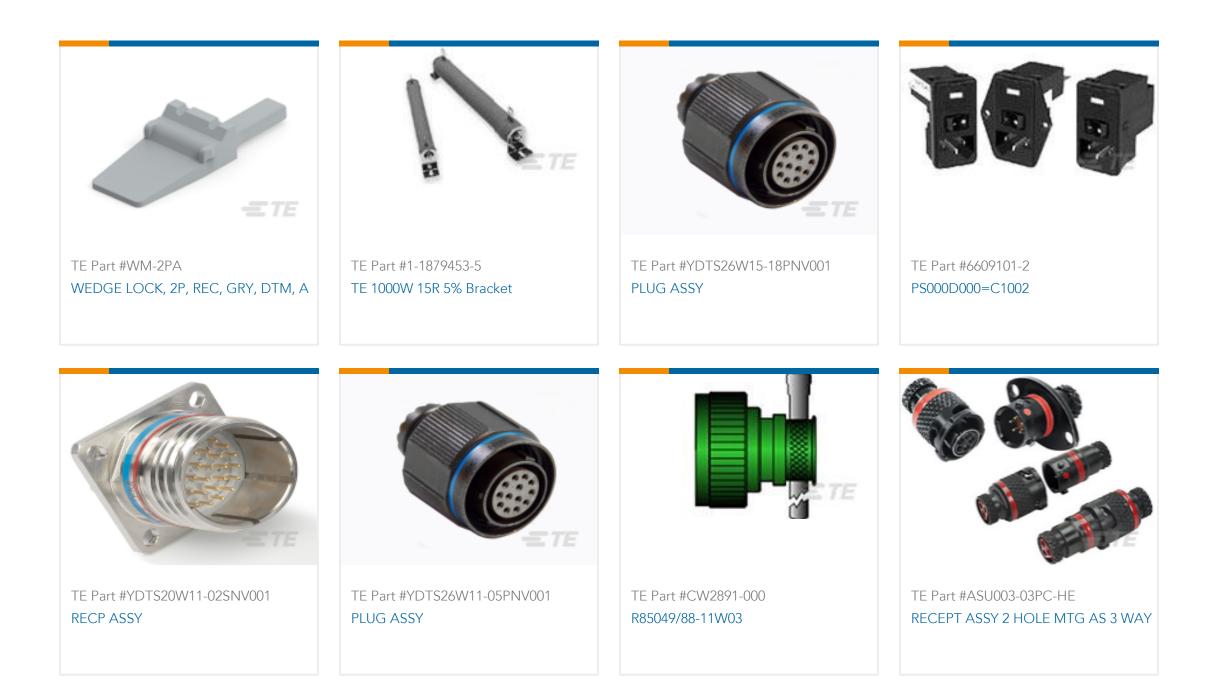


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Documents

Product Drawings PLUG ASSY

English

CAD Files 3D PDF

3D

Customer View Model ENG_CVM_CVM_YDTS26W13-04PNV001_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YDTS26W13-04PNV001_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YDTS26W13-04PNV001_99.3d_stp.zip

English

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Datasheets & Catalog Pages DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English