

DTS26F25-29SN [V001]

✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS26F25-29SNV001

Standard Circular Connectors, Cable-to-Panel, 29 Position,
Sealable, Wire & Cable, Signal, Panel Mount, Electroless Nickel,
Aluminum

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Connectors > Circular Connectors > Standard Circular Connectors > Straight Plug: D38999, 25-29 Insert, Electroless Nickel Plating



Connector System: **Cable-to-Panel**
Connector Mounting Type: **Panel Mount**
Number of Positions: **29**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**

[All Straight Plug: D38999, 25-29 Insert, Electroless Nickel Plating \(19\)](#)

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	29
Number of Power Positions	0
Number of Signal Positions	29
Contacts Preloaded	No

Electrical Characteristics



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	Electroless Nickel
Shell Base Material	Aluminum
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No

Contact Features

Contact Quantity (Size 16)	29
Contact Current Rating (Max)	13 A
Reverse Gender	No
Contact Layout Arrangement	25 – 29
Circular Connector Contact Type	Socket

Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	25
Alignment Keyed	Clocking

Dimensions

Compatible Insulation Diameter Range	1.65 – 2.77 mm[.065 – .109 in]
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Assembly Length	31 mm[1.22 in]
Wire Size	20 – 16 AWG

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal

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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert subassembly) Article Safe Usage Statements: 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

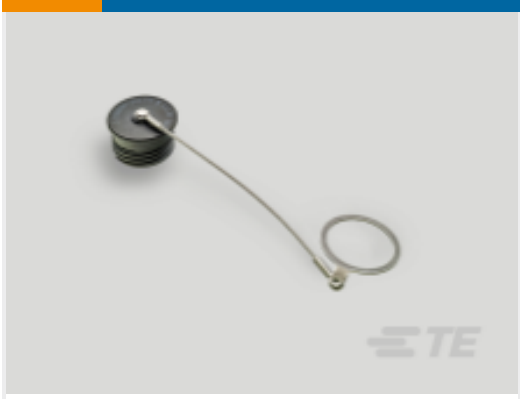
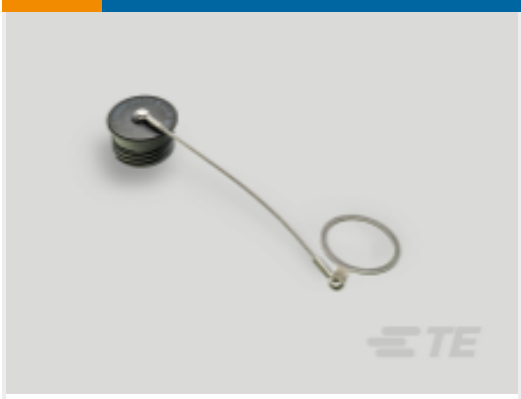
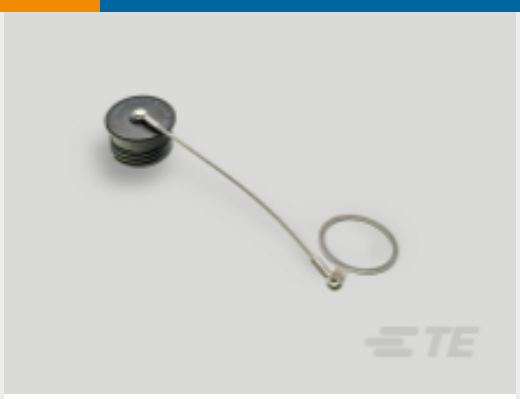
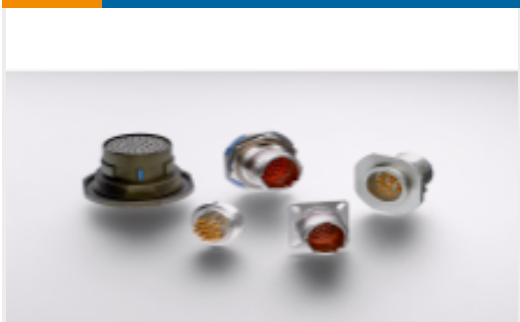
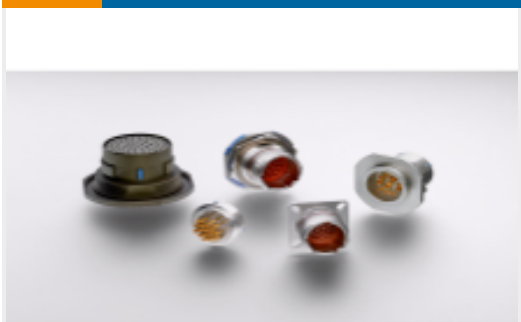
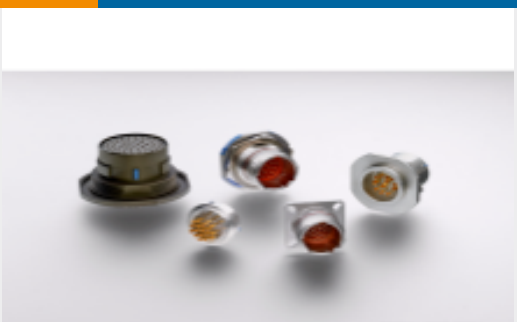
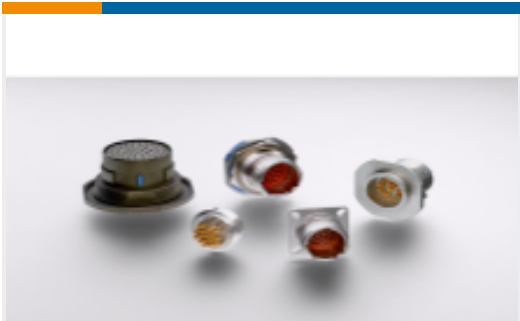
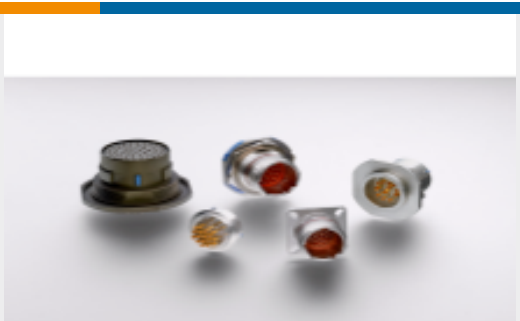
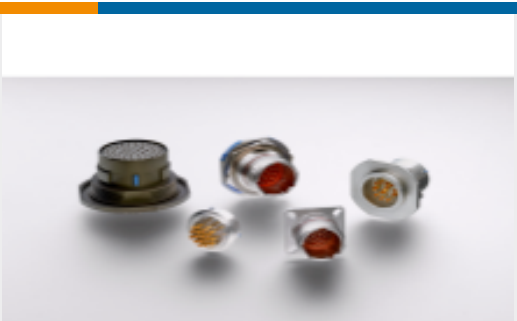
Product Compliance Disclaimer

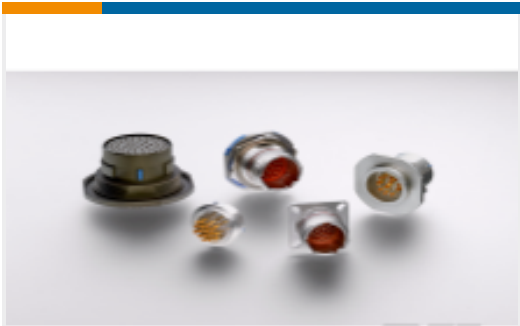
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



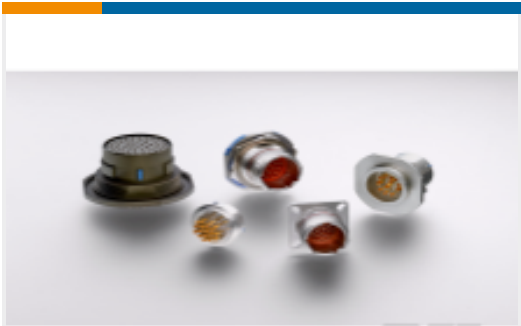
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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-DTS2L D38999: Square Flange, 25-29 insert	 TE Part # YDTS32F25NV0010000 DUST COVER ASSEM	 TE Part # YDTS32F25RV0010000 DTS CAP ASSY, NICKEL, SIZE 25 PLUG	 TE Part # YDTS32W25NV0010000 DUST COVER ASSEM
 TE Part # YDTS32W25RV0010000 DUST COVER ASSEM	 TE Part # YDTS32Z25NV0010000 CAP ASSEMBLY	 TE Part # YDTS32Z25RV0010000 CAP ASSEMBLY	 TE Part # CAT-D38999-DTS11D D38999: Jam Nut, 25-29 Insert, Electroless Nickel Plating
 TE Part # YDTS21H25-29CNV001 HERM RECP	 TE Part # YDTS21H25-29PNV001 HERM RECP	 TE Part # YDTS21H25-29XNV001 HERM RECP	 TE Part # YDTS23H25-29CNV001 HERM RECP
 TE Part # YDTS23H25-29PNV001 HERM RECP	 TE Part # YDTS23H25-29XNV001 HERM RECP	 TE Part # YDTS20N25-29CNV001 HERM RECP	 TE Part # DTS20N25-29PN HERM RECP



TE Part # YDTS20N25-29PNV001
HERM RECP



TE Part # YDTS20N25-29XNV001
HERM RECP



TE Part # YDTS20Y25-29CNV001
HERM RECP



TE Part # YDTS20Y25-29PNV001
HERM RECP

Also in the Series | **DEUTSCH 38999**



Standard Circular Connectors(2577)

Also in the Series | **DEUTSCH 38999 Series III**



Standard Circular Connectors(9183)

Customers Also Bought



TE Part #5039294018
DR-25-3/16-0-SP



TE Part #205563-2
RECEPT ASSY,50 POSN,AMPLIMITE



TE Part #38943-22L
CONT SOC ASSY



TE Part #YDTS26W19-35PBV001
PLUG ASSY





TE Part #ES205E2MD
ES205E2MD=RELAY



TE Part #ZPF00000000019964
FDBA 57-16-26 SN-K 090 A838



TE Part #152892
SIZE 20 PIDG R/T NO.10 NYLON

TE Part #SE610-1001S
SE610-1001S=SOCKET

Documents

Product Drawings

PLUG ASSY

English

Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English