

Connectors > Circular Connectors > Standard Circular Connectors > D38999: Straight Plug, 25-19 Insert

Connector System: **Cable-to-Panel**Connector Mounting Type: **Panel Mount**Number of Positions: **19**Sealable: **Yes**Connector & Contact Terminates To: **Wire & Cable**[All D38999: Straight Plug, 25-19 Insert \(16\)](#)

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	19
Number of Power Positions	19
Number of Signal Positions	0
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	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)	19
Contact Current Rating (Max)	23 A
Reverse Gender	No
Contact Layout Arrangement	25 - 19
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Retention Type	Triple Start 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
Compatible Insulation Diameter Range	2.46 - 3.41 mm [.097 - .142 in]

Assembly Length	31 mm[1.22 in]
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Wire Size	2.08 - 3.31 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	Power
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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	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240)
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	Candidate List Declared Against: JAN 2024 (240)
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	SVHC > Threshold: Cd (1.52% in Plating) Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert subassembly)
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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

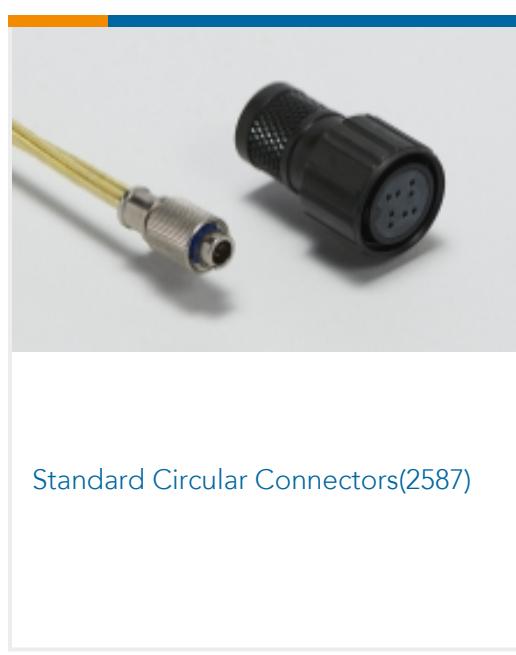


TE Part # CAT-D38999-DTS70
D38999: Square Flange, 25-19 insert



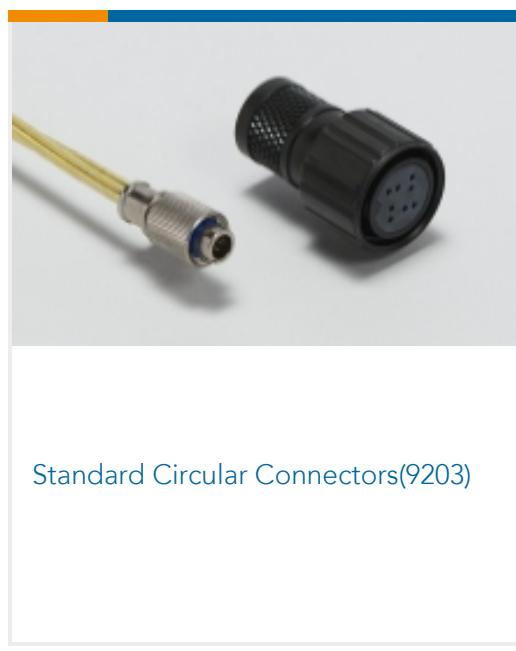
TE Part # CAT-D38999-DTS16C
Jam Nut: D38999, 25-19 Insert

Also in the Series | DEUTSCH 38999



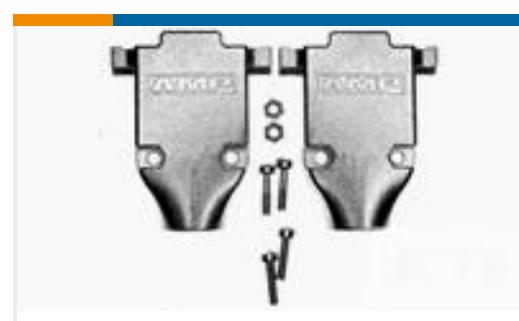
Standard Circular Connectors(2587)

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(9203)

Customers Also Bought

TE Part # 205170-1
AMPLIMITE, ASY, PLUG, STD, 109,5TE Part # 5748677-5
PLTD PLST CBL CLMP KIT, SZ 5TE Part # YDTS20W21-35SNV001
RECP ASSYTE Part # YDTS26W15-05SNV001
PLUG ASSYTE Part # YDTS26W21-16PNV001
PLUG ASSYTE Part # YDTS20W25-19PNV001
RECP ASSYTE Part # YDTS26W17-06PNV001
PLUG ASSYTE Part # YDTS26W19-32SNV001
PLUG ASSYTE Part # YDIV46E11-05SAC009
PLUG ASSYTE Part # YDIV46E11-35SBC009
PLUG ASSY

Documents

Product Drawings

PLUG ASSY

English

Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English