

DTS20F17-08PN [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS20F17-08PNV001

Standard Circular Connectors, Cable-to-Panel, 8 Position, Sealable, Wire & Cable, Signal, Electroless Nickel, Aluminum, N Polarization Code

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 17-08 insert



Connector System: **Cable-to-Panel**
Number of Positions: **8**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**
Contact Current Rating (Max): **13 A**

[All D38999: Square Flange, 17-08 insert \(64\)](#)

Features

Product Type Features

Product Type	Connector
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Square Flange Receptacle

Configuration Features

Number of Positions	8
Number of Power Positions	0
Number of Signal Positions	8
Contacts Preloaded	No

Body Features

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



Contact Features

Contact Current Rating (Max)	13 A
Reverse Gender	No
Contact Layout Arrangement	17 – 8
Circular Connector Contact Type	Pin

Mechanical Attachment

Polarization Code	N
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	17
Alignment Keyed	Clocking

Dimensions

Wire Size	16 – 20 AWG
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Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
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Operation/Application

Circuit Application	Signal
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert Assembly) 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	Not Yet Reviewed for halogen content
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-DTS18W
Straight Plug: D38999, 17-08 Insert, Electroless Nickel Plating

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(37354)

Customers Also Bought



TE Part #YDTS20F17-06PCV001
D38999: Square Flange, 17-06 insert



TE Part #YDTS20F17-08PAV001
RECP ASSY



TE Part #YDTS26F13-04PNV001
PLUG ASSY



TE Part #YDTS26G17-06PCV001
PLUG ASSY



TE Part #YDTS26G17-08SNV001
[PLUG ASSY](#)

TE Part #775210-000
[S01-03-R](#)

TE Part #316128-000
[55A1121-16-2/6-9](#)

TE Part #217506-000
[TMS-SCE-2X-3/16-9](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_YDTS20F17-08PNV001_99.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YDTS20F17-08PNV001_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YDTS20F17-08PNV001_99.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS](#)

English