

DTS20F09-35PN [V001]

✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III, DEUTSCH 38999

TE Internal #: YDTS20F09-35PNV001

6 Position Circular Connector, Cable-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount, Electroless Nickel, DEUTSCH 38999 Series III

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 9-35 insert



Number of Positions: 6

Connector System: **Cable-to-Panel**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **5 A**

[All D38999: Square Flange, 9-35 insert \(41\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
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	6
Number of Power Positions	0
Number of Signal Positions	6
Contacts Preloaded	No

Body Features

Shell Plating Material	Electroless Nickel
Shell Base Material	Aluminum 6061-T6
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No



Contact Features

Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	9 – 35
Circular Connector Contact Type	Pin

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	9
Alignment Keyed	Clocking

Dimensions

Wire Size	28 – 22 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
Shielded	Yes

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: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) 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	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-DTS18E
Straight Plug: D38999, 09-35 Insert,
Electroless Nickel Plating

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(2555)

Also in the Series | DEUTSCH 38999



Standard Circular Connectors(2555)

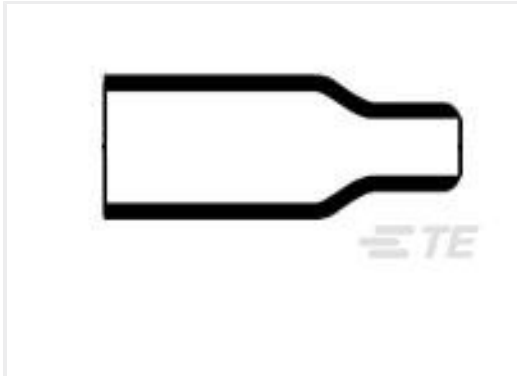
Customers Also Bought



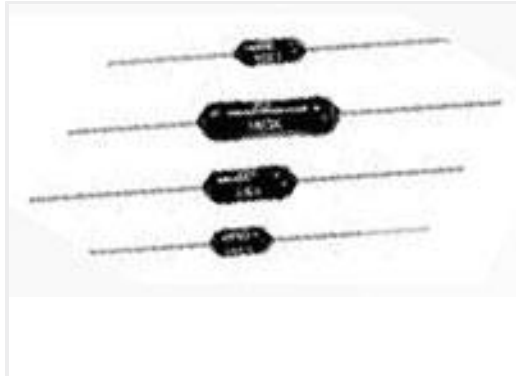
TE Part #114010-ZZ
EXT TOOL, SIZE 12, 12 AWG, N, YEL



TE Part #7-1676915-3
YR1 0.1% 130R



TE Part #806786-000
202A111-25-0



TE Part #8-1879662-5
H8 75R 0.1% 15PPM



TE Part #ABC06N-20P-4048
IN-LINE PLUG



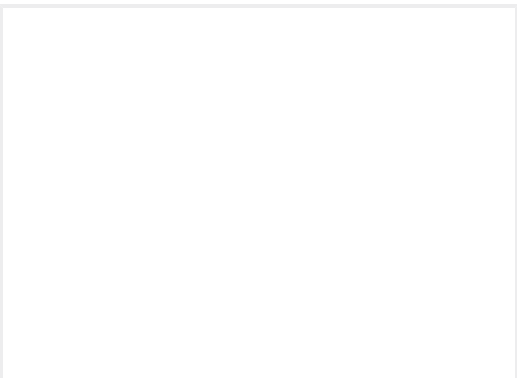
TE Part #YDTS26F09-35SNV001
PLUG ASSY



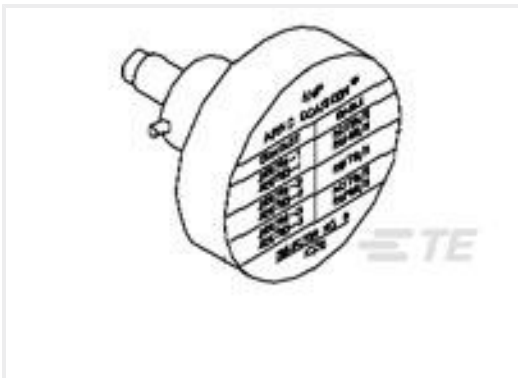
TE Part #952781-000
55PC0731-18-2/4/6CS2502



TE Part #F55931-000
1966-RIBBON



TE Part #026291-000
RMK-UNCUT-A4



TE Part #601966-2
POSITIONIER-M22520/2-02

Documents

Product Drawings

RECP ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YDTS20F09-35PNV001_99.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_YDTS20F09-35PNV001_99.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YDTS20F09-35PNV001_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