DTS26W09-35SN ✔ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: DTS26W09-35SN

Standard Circular Connectors, Cable-to-Panel, 6 Position, Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D., DEUTSCH 38999 Series III

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > D38999: Straight Plug, 09-35 Insert



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

Number of Positions: **6**

Sealable: **Yes**

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

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

All D38999: Straight Plug, 09-35 Insert (74)

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	400 VAC
Voltage	1300 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 22D)	6
Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	9 – 35
Circular Connector Contact Type	Socket

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	9
Alignment Keyed	Clocking

Dimensions

Accepts Wire Insulation Diameter Range	.76 – 1.37 mm[.03 – .054 in]

Assembly Length	31 mm[1.22 in]
Wire Size	.08 – .33 mm^2

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	Yes

Packaging Features

Packaging Quantity	1

Other

Position Locations Omitted	All

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cd (4.9% in Plating) Pb (1.2% in Contact Lead-Copper Alloy) 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.
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 # YDTS20W09-35PNV001
RECP ASSY



TE Part # 601966-1
CRIMPING TOOL M22520/2-01

Also in the Series | DEUTSCH 38999



Standard Circular Connectors(12501)

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(37354)

Customers Also Bought



TE Part #DTS26W09-35PN
PLUG ASSY



TE Part #DTS26W11-98PN
PLUG ASSY



TE Part #DTS26W13-98SN
PLUG ASSY



TE Part #DTS26W15-19SA
PLUG ASSY



TE Part #DTS26W17-06SN
PLUG ASSY



TE Part #DTS26W19-35PN
PLUG ASSY



TE Part #DTS24W25-35SN
RECP ASSY



TE Part #DTS24W25-61SN
Jam Nut: D38999, 25-61 Insert

TE Part #CW0478-000
220A012-3-0CS4018

Documents

Product Drawings

PLUG ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_DTS26W09-35SN_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_DTS26W09-35SN_99.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_DTS26W09-35SN_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