DTS20W21-35PN [V001] ✔ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS20W21-35PNV001

79 Position Circular Connector, Wire-to-Wire, .06 mm [.1 in] Centerline, Sealable, Wire & Cable, Power & Signal, Panel Mount, DEUTSCH 38999 Series III

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 21-35 insert



Connector System: **Wire-to-Wire**

Connector Mounting Type: **Panel Mount**

Number of Positions: **79**

Centerline (Pitch): **.06 mm [.1 in]**

Sealable: **Yes**

All D38999: Square Flange, 21-35 insert (3)

Features

Product Type Features

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

Configuration Features

Number of Positions	79
Number of Power Positions	0
Number of Signal Positions	79
Contacts Preloaded	No

Body Features

Shell Plating Material	Cadmium O.D.
Shell Base Material	Aluminum
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	Circular
Circular Connector Contact Type	Pin/Socket

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	Normal
Mating Alignment Type	Polarization
Mating Retention	Without

Housing Features

Centerline (Pitch)	.06 mm[.1 in]
Circular Connector Shell Size	G (21)
Alignment Keyed	Clocking

Dimensions

Wire Size	22 – 26 AWG

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

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	Out of Scope
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: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (1.2% in Copper Alloy) Cd (4.32% in Plating) 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 # CAT-D38999-DTS24H
D38999: Straight Plug, 21-35 Insert

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(2052)

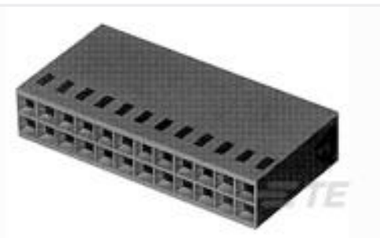
Customers Also Bought



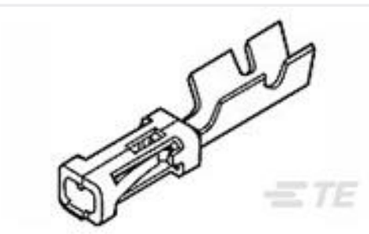
TE Part #890036-000
S1009-KIT-A



TE Part #66103-3
III+ PIN,24-20,15AU/FL,LP



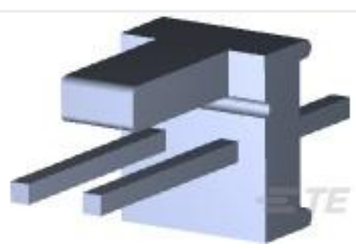
TE Part #1-87456-2
16 MODIV HSG DR MRKD .100CL



TE Part #87667-2
MOD IV RECP LP



TE Part #179518-1
CT CRIMP-2 REC CONT. L/P



TE Part #640454-2
02P MTA100 HDR ASSY SQ STR POL



TE Part #YDTS20W19-32SNV001
RECP ASSY

TE Part #EP6604-000
S01-02-R-CS4531



TE Part #YDTS26F21-41PNV001
PLUG ASSY

TE Part #3-1617812-4
MACD-8064W = TO-5 DIODE RELAY

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_YDTS20W21-35PNV001_99.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_YDTS20W21-35PNV001_99.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_YDTS20W21-35PNV001_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 CIRCULAR CONNECTORS

English