

# DTS20F15-97PN [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS20F15-97PNV001

Standard Circular Connectors, Cable-to-Panel, 12 Position,  
Sealable, Wire & Cable, Power & Signal, Panel Mount, DEUTSCH  
38999 Series III

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 15-97 insert



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **12**

Sealable: **Yes**

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

[All D38999: Square Flange, 15-97 insert \(41\)](#)

## Features

### Product Type Features

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	12
Number of Power Positions	4
Number of Signal Positions	8
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)	13 A
Reverse Gender	No
Contact Layout Arrangement	15 – 97
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	15
Alignment Keyed	Clocking

### Dimensions

Wire Size	.52 – 1.31 mm <sup>2</sup>
-----------	----------------------------

### 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	Compliant with Exemptions
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 2024 (241) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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-DTS18U  
Straight Plug: D38999, 15-97 Insert,  
Electroless Nickel Plating

## Also in the Series | DEUTSCH 38999



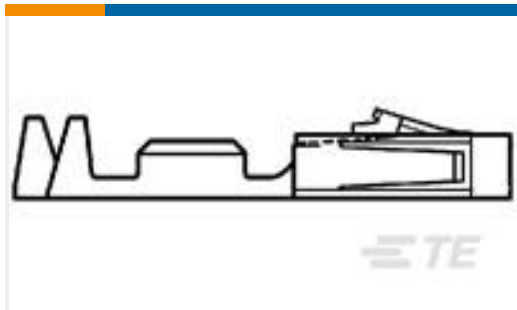
Standard Circular Connectors(2577)

## Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(9183)

## Customers Also Bought



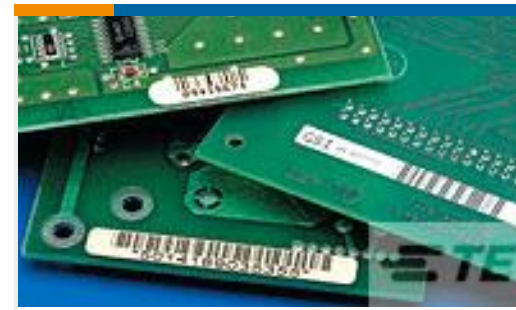
TE Part #104479-7  
SHORT POINT RECP CONT LP



TE Part #2-1761679-3  
IDC LOW PRO HDR 10P VERT BLUE



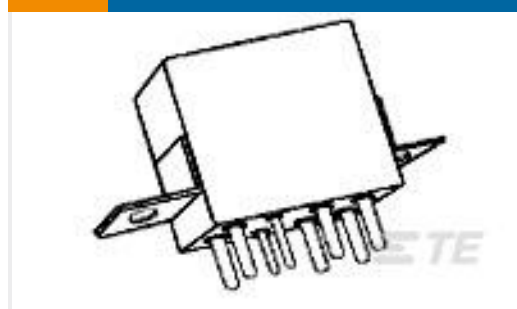
TE Part #4-1617118-6  
J1MAPD-18XM = M39016/23-023M



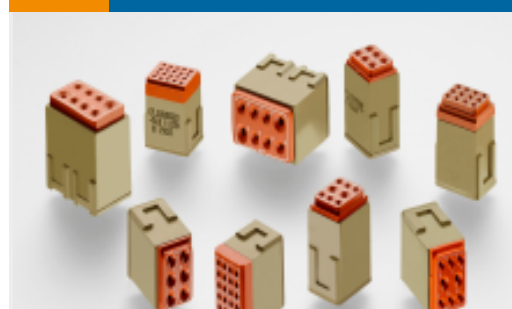
TE Part #A87059-000  
T1K-127111-10-9



TE Part #3-1617004-2  
B07D692BZ2-0011 = M5757/23-001



TE Part #3-1617758-0  
FCB-205-0122M=M83536/1-022M



TE Part #CTJ112E02A-513  
MODULE ASSY



TE Part #1532222-4  
095-9605-2034=MCDRX-L-15PX-10.0



TE Part #CTJ112E03B-513  
MODULE ASSY

## Documents

### Product Drawings

[RECP ASSY](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS20F15-97PNV001\\_99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS20F15-97PNV001\\_99.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS20F15-97PNV001\\_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 DTS Series Connectors for 38999 QRG

English