# DTS20W13-98PN [V001] ✔ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III, DEUTSCH 38999

TE Internal #: YDTS20W13-98PNV001

10 Position Circular Connector, Cable-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D., Aluminum 6061-T6, DEUTSCH 38999 Series III

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 13-98 insert



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **10**

Sealable: **Yes**

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

All D38999: Square Flange, 13-98 insert (2)

## 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 | 10 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 10 |
| Contacts Preloaded | No |

### Body Features

| | |
|---|---|
| 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 Current Rating (Max) | 7.5 A |
| Reverse Gender | No |
| Contact Layout Arrangement | 13 – 98 |
| 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 | 13 |
| Alignment Keyed | Clocking |

## Dimensions

| | |
|---|---|
| Wire Size | 24 – 20 AWG |

## Usage Conditions

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

## 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 | Not Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| 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)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Cd (3.41% in Plating)<br>Pb (1.2% in Pin Copper Alloy)<br>Decamethylcyclopentasiloxane (D5) (5% in Insert assembly)<br>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 | 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-DTS23Q
D38999: Straight Plug, 13-98 Insert

## Also in the Series | DEUTSCH 38999 Series III



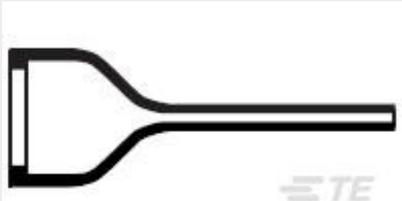
Standard Circular Connectors(497)

## Also in the Series | DEUTSCH 38999

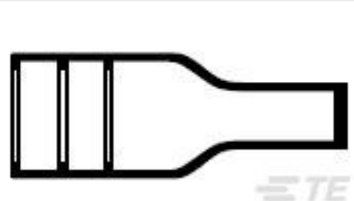


Standard Circular Connectors(497)

## Customers Also Bought



TE Part #806157-000
202D921-4/42-0



TE Part #808981-000
202D121-3/42-0



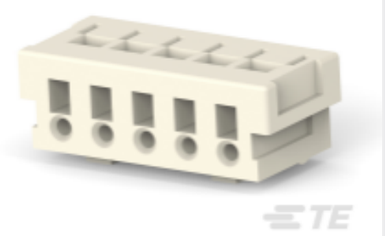
TE Part #583393-000
S1125-KIT-5



TE Part #55148-1
TERMINAL,PIDG R 22-16 10



TE Part #66101-1
III+ SKT,18-16,30AU>10,LP



TE Part #175778-5
CT CRIMP REC HSG 5P NATURAL



TE Part #207376-1
HSG,RECEPT 6 POSN,METRIMATE



TE Part #1-608036-4
SILICONE FUSION TAPE,1"X15'



TE Part #9-1437622-2
KPN500B1/4=KNOB BLK W/POINTER

TE Part #YCTL-16C0150000000
JUNCTION ASSY

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YDTS20W13-98PNV001_99.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YDTS20W13-98PNV001_99.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_YDTS20W13-98PNV001_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