

# DTS24G19-35SD [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS24G19-35SDV001

DEUTSCH 38999 Series III, Standard Circular Connectors, Cable-to-Panel, 66 Position, Sealable, Wire & Cable, 5A Contact Current Rating (Max), Signal

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Connectors > Circular Connectors > Standard Circular Connectors > D38999: Jam Nut, 19-35 Insert



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

Number of Positions: **66**

Sealable: **Yes**

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

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

[All D38999: Jam Nut, 19-35 Insert \(84\)](#)

## Features

### Product Type Features

|                                   |                    |
|-----------------------------------|--------------------|
| Product Type                      | Connector          |
| Connector System                  | Cable-to-Panel     |
| Sealable                          | Yes                |
| Connector & Contact Terminates To | Wire & Cable       |
| Circular Connector Type           | Receptacle         |
| Shell Type                        | Jam Nut Receptacle |

### Configuration Features

|                            |     |
|----------------------------|-----|
| Number of Positions        | 66  |
| Number of Power Positions  | 0   |
| Number of Signal Positions | 66  |
| Contacts Preloaded         | Yes |

### Body Features

|   |                          |
|---|--------------------------|
| Shell Plating Material                      | Space-Grade Electroless  |
| Shell Base Material                         | Aluminum                 |
| Circular Connector Insulation Material Type | Hard Dielectric/Silicone |
| Hermetically Sealed                         | No                       |



### Contact Features

|                                 |         |
|---------------------------------|---------|
| Contact Current Rating (Max)    | 5 A     |
| Contact Layout Arrangement      | 19 – 35 |
| Circular Connector Contact Type | Socket  |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                          |             |
|--------------------------|-------------|
| Mating Retention Type    | Threaded    |
| Mating Alignment         | With        |
| PCB Mount Alignment      | Without     |
| Panel Mount Feature      | With        |
| Panel Mount Feature Type | Jam Nut     |
| Connector Mounting Type  | Panel Mount |
| Polarization Code        | D           |
| Mating Alignment Type    | Keyed       |
| Mating Retention         | With        |

### Housing Features

|                               |          |
|-------------------------------|----------|
| Circular Connector Shell Size | 19       |
| Alignment Keyed               | Clocking |

### Dimensions

|           |                           |
|-----------|---------------------------|
| Wire Size | .08 – .33 mm <sup>2</sup> |
|-----------|---------------------------|

### Usage Conditions

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

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
| Shielded            | No     |

### 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: JUN 2020 (209)

Candidate List Declared Against: JUN 2020 (209)

SVHC > Threshold:

Pb (1.2% in Contact's 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

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 # YDTS26G19-35PDV001  
PLUG ASSY

## Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(33079)

## Customers Also Bought



TE Part #661269-000  
TXR21AB00-1605AI



TE Part #ZPF000000000001261  
097-0267-16 A1267




TE Part #ZPF000000000035089  
983-6KE 08-98 SN



TE Part #CS8624-000  
BSTS-15X4FR/NM




TE Part #1617147-5  
JMGAP-26P = M39016/17-030P



TE Part #358279-000  
382C312-50-01-0



TE Part #ZPF000000000007174  
983-0RS 08-98 PN



TE Part #YAFD56-14-15SWC019  
PLUG ASSY



TE Part #CX1369-000  
BSTS-13X4FR/NM



TE Part #1617119-5  
J1MAW-18XP = M39016/7-021P

## Documents

### Product Drawings

RECP ASSY

English

### Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS

English

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