

# DTS20G19-35PB [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS20G19-35PBV001

DEUTSCH 38999 Series III, Standard Circular Connectors, Cable-to-Panel, 6 Position, Sealable, Wire & Cable, 5A Contact Current Rating (Max), Signal

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Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 19-35 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: Square Flange, 19-35 insert \(85\)](#)

## 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                        | Square Flange Receptacle |

### Configuration Features

|                            |     |
|----------------------------|-----|
| Number of Positions        | 6   |
| Number of Power Positions  | 0   |
| Number of Signal Positions | 6   |
| 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      | 9 – 35 |
| Circular Connector Contact Type | Pin    |

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Panel Mount |
| Polarization Code       | B           |
| 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: JUL 2021 (219)<br>Candidate List Declared Against: JUL 2021 (219)<br>SVHC > Threshold:<br>Pb (1.2% in Contact Lead-Copper Alloy)<br>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 # CAT-D38999-DTS20U  
D38999: Straight Plug, 19-35 Insert

## Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(50985)

## Customers Also Bought



TE Part #1617807-5  
FC-335-SY8= RELAY, 3PST



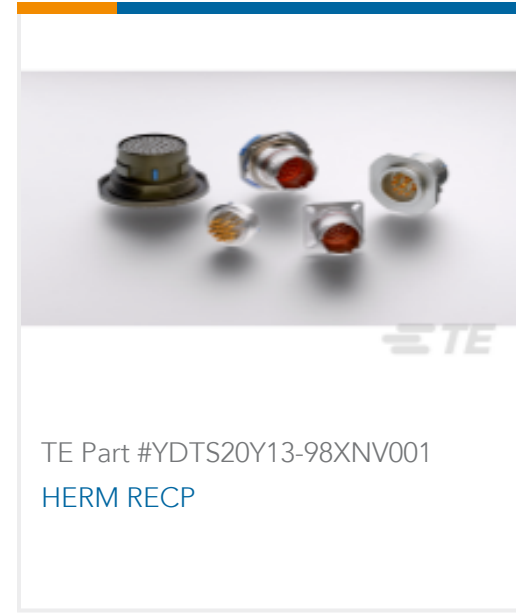
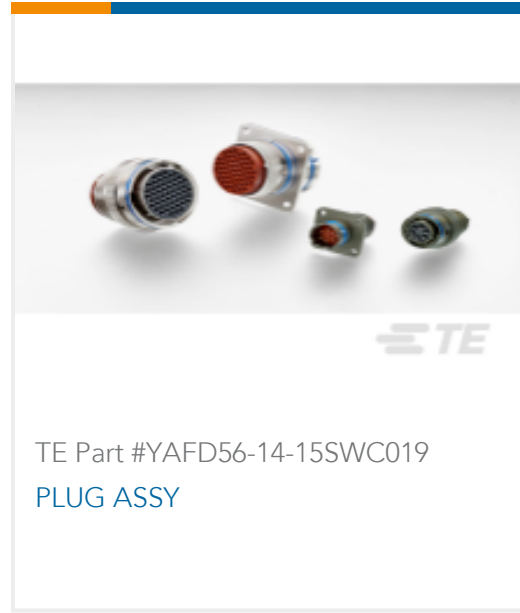
TE Part #ZPF00000000001261  
097-0267-16 A1267



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



TE Part #ZPF000000000007174  
983-ORS 08-98 PN



## Documents

### Product Drawings

[RECP ASSY](#)

English

### Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS](#)

English

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