

DTS26F17-06SN [V001] 

✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III, DEUTSCH 38999

TE Internal #: YDTS26F17-06SNV001

6 Position Circular Connector, Cable-to-Panel, Sealable, Wire & Cable, Power, Panel Mount, Electroless Nickel, DEUTSCH 38999 Series III

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > Straight Plug: D38999, 17-06 Insert, Electroless Nickel Plating



Number of Positions: 6

Connector System: Cable-to-Panel

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 23 A

[All Straight Plug: D38999, 17-06 Insert, Electroless Nickel Plating \(27\)](#)

Features

Product Type Features

|                                   |                      |
|-----------------------------------|----------------------|
| Connector Product Type            | Connector Assembly   |
| Assembly Type                     | Electrical Connector |
| Connector System                  | Cable-to-Panel       |
| Sealable                          | Yes                  |
| Connector & Contact Terminates To | Wire & Cable         |
| Circular Connector Type           | Plug                 |
| Shell Type                        | Straight Plug        |

Configuration Features

|                                       |    |
|---------------------------------------|----|
| Keying & Polarized Position Locations | N  |
| Factory Installed Backshell           | No |
| Number of Positions                   | 6  |
| Number of Power Positions             | 6  |
| Number of Signal Positions            | 0  |
| Contacts Preloaded                    | No |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 850 VDC |
|-------------------|---------|



Body Features

|                                             |                                                                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Product Weight                              | 33.8 g[1.1936 oz]                                                                                                                |
| Entry Style                                 | Rear Insertion                                                                                                                   |
| Environmental Protection                    | Yes                                                                                                                              |
| Environmental Protection Type               | Elastomer Sealed                                                                                                                 |
| Fluid Type                                  | Coolanol 25, M2-V, MIL-DTL-5624 (JP-4,JP-5), MIL-DTL-83133 (JP-8), MIL-PRF-23699, MIL-PRF-5606, MIL-PRF-7808, SEA-AMS1424 Type I |
| Feedthrough Type                            | No                                                                                                                               |
| 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 Quantity (Size 12)      | 6      |
| Contact Current Rating (Max)    | 23 A   |
| Reverse Gender                  | No     |
| Contact Layout Arrangement      | 17 – 6 |
| Circular Connector Contact Type | Socket |

Mechanical Attachment

|                         |                       |
|-------------------------|-----------------------|
| Panel Mount Feature     | Without               |
| Mating Retention Type   | Triple Start Threaded |
| Connector Mounting Type | Panel Mount           |
| Polarization Code       | N                     |
| Mating Alignment Type   | Keyed                 |
| Mating Retention        | With                  |

Housing Features

|                               |          |
|-------------------------------|----------|
| Circular Connector Shell Size | 17       |
| Alignment Keyed               | Clocking |

Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 2.46 – 3.61 mm[.097 – .142 in] |
| Assembly Length                      | 31 mm[1.22 in]                 |
|                                      |                                |



|           |             |
|-----------|-------------|
| Wire Size | 14 – 12 AWG |
|-----------|-------------|

Usage Conditions

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

Operation/Application

|                     |            |
|---------------------|------------|
| Durability Rating   | 500 Cycles |
| Circuit Application | Power      |
| Shielded            | Yes        |

Packaging Features

|                    |   |
|--------------------|---|
| Packaging Quantity | 1 |
|--------------------|---|

Other

|                            |     |
|----------------------------|-----|
| Position Locations Omitted | All |
|----------------------------|-----|

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: JAN 2025 (247)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| 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>

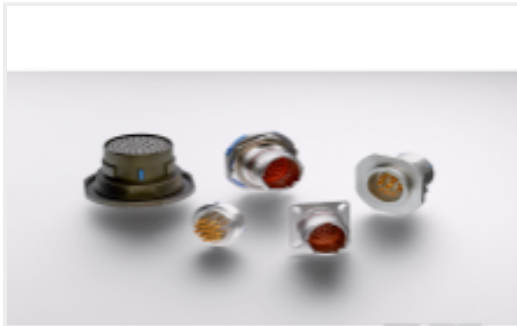
Compatible Parts



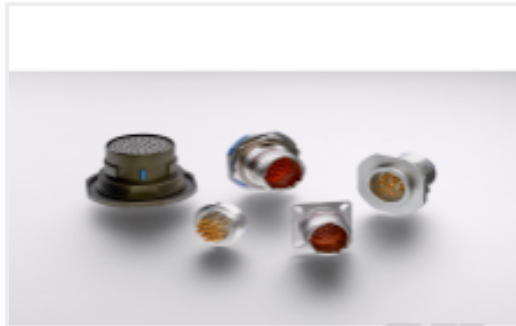
TE Part # YDTS20N17-06CNV001  
HERM RECP



TE Part # YDTS21N17-06PNV001  
HERM RECP



TE Part # YDTS21N17-06CNV001  
HERM RECP



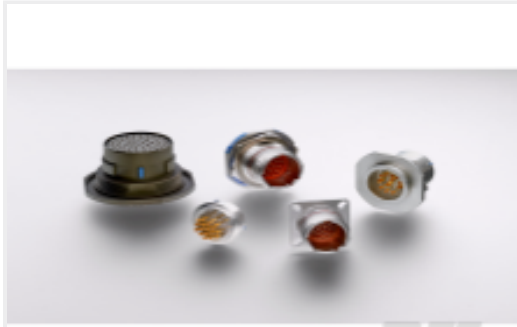
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HERM RECP



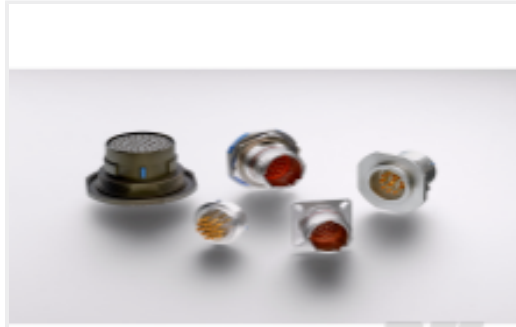
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HERM RECP



TE Part # YDTS24Y17-06CNV001  
HERM RECP



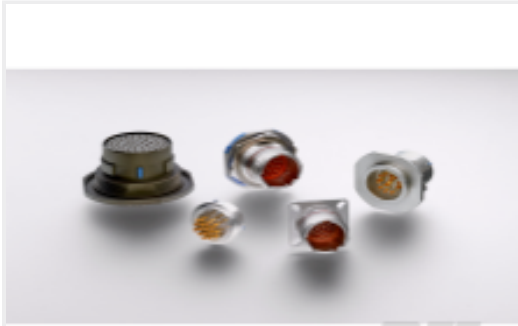
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HERM RECP



TE Part # YDTS21H17-06PNV001  
HERM RECP



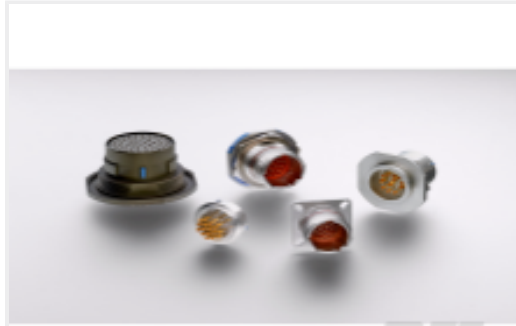
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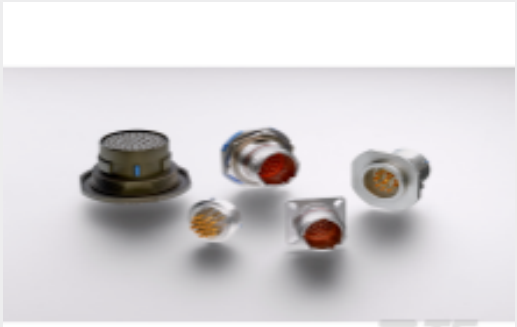
TE Part # YDTS20Y17-06PNV001  
HERM RECP



TE Part # CAT-D38999-DTS1R  
D38999: Square Flange, 17-06 insert



TE Part # YDTS23N17-06XNV001  
HERM RECP



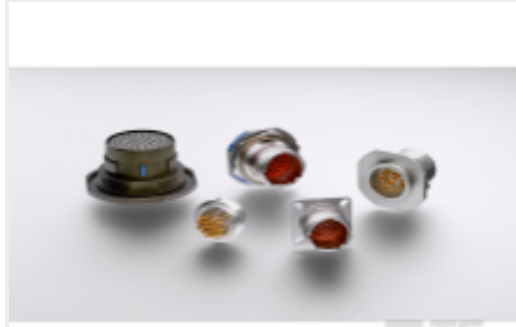
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HERM RECP



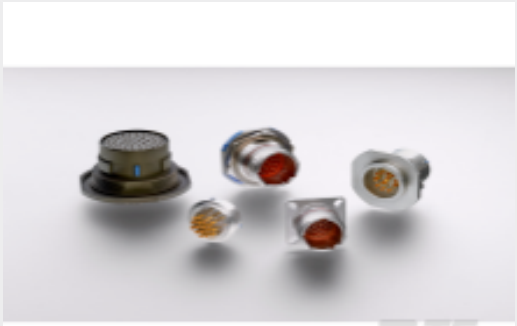
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HERM RECP



TE Part # YDTS23Y17-06XNV001  
HERM RECP



TE Part # YDTS21H17-06CNV001  
HERM RECP



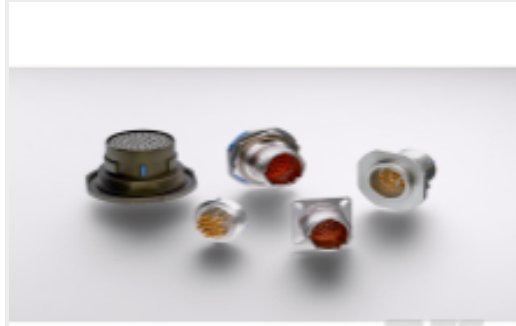
TE Part # YDTS20Y17-06CNV001  
HERM RECP



TE Part # YDTS23Y17-06PNV001  
HERM RECP



TE Part # CAT-D38999-DTS10F  
D38999: Jam Nut, 17-06 Insert,  
Electroless Nickel Plating



TE Part # YDTS20N17-06PNV001  
HERM RECP

Also in the Series | **DEUTSCH 38999 Series III**



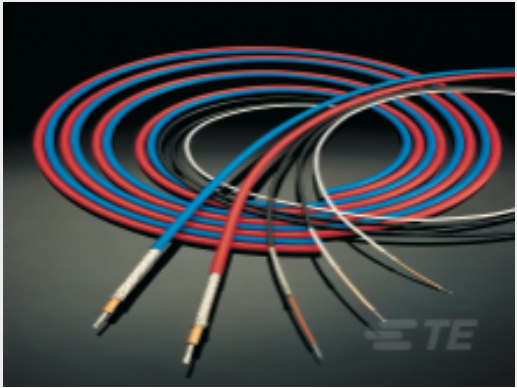
[Standard Circular Connectors\(2555\)](#)

Also in the Series | **DEUTSCH 38999**



[Standard Circular Connectors\(2555\)](#)

Customers Also Bought



TE Part #EF5901-000  
[7720C3662-9](#)



TE Part #YDTS20F17-06PBV001  
[RECP ASSY](#)



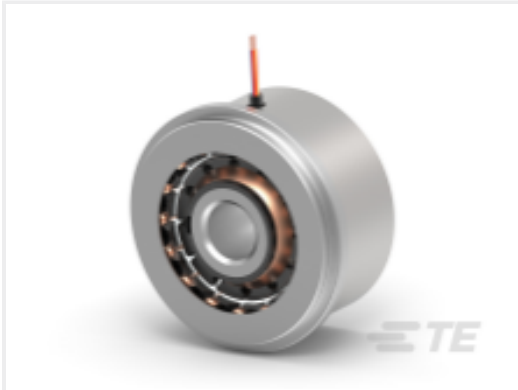
TE Part #CAT-D38999-DTS18I  
[Straight Plug: D38999, 11-35 Insert, Electroless Nickel Plating](#)



TE Part #CAT-D38999-DTS18E  
[Straight Plug: D38999, 09-35 Insert, Electroless Nickel Plating](#)



TE Part #YDTS26F17-06PNV001  
[PLUG ASSY](#)



TE Part #2360964-1  
[RESOLVER V23401-T2079-B101](#)



TE Part #2-320569-5  
[TERMINAL,PIDG R IR 12 1/4](#)



TE Part #YDTS26F15-35PNV001  
[PLUG ASSY](#)

Documents

**Product Drawings**

**PLUG ASSY**

English

**CAD Files**

**3D PDF**

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS26F17-06SNV001\\_99.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_YDTS26F17-06SNV001\\_99.3d\\_igs.zip](#)

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Customer View Model

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English

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Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide](#)

English