

# DTS24Z17-35BC [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS24Z17-35BCV001

Standard Circular Connectors, Cable-to-Panel, 55 Position,  
Sealable, Wire & Cable, Signal, Panel Mount, Black Zinc Nickel,  
DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors > Jam Nut: D38999, 17-35 Insert, Black Zinc Nickel Plating



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

Number of Positions: **55**

Sealable: **Yes**

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

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

[All Jam Nut: D38999, 17-35 Insert, Black Zinc Nickel Plating \(60\)](#)

## 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	55
Number of Power Positions	0
Number of Signal Positions	55
Contacts Preloaded	No

### Body Features

Shell Plating Material	Black Zinc Nickel
Shell Base Material	Aluminum 6061-T6
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No



### Contact Features

Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	17 – 35
Circular Connector Contact Type	Less Socket

### Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	C
Mating Alignment Type	Keyed
Mating Retention	With

### Housing Features

Circular Connector Shell Size	17
Alignment Keyed	Clocking

### Dimensions

Wire Size	.08 – .33 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
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### Operation/Application

Circuit Application	Signal
Shielded	Yes

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (5% in Insert Subassembly)

**Article Safe Usage Statements:**

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

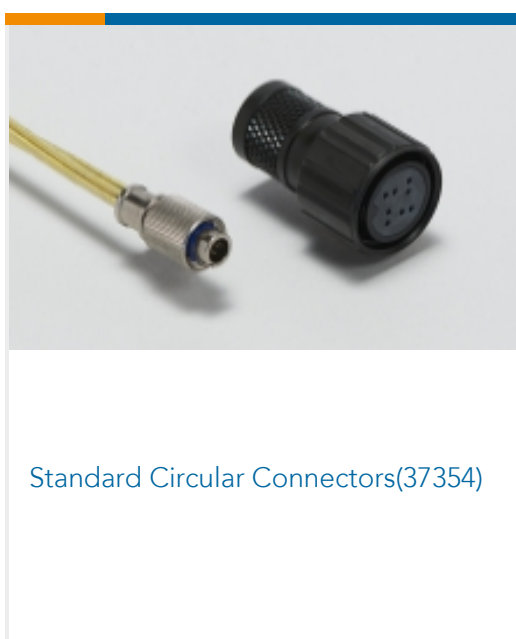
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # YDTS26Z17-35ACV001  
PLUG ASSY

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



Standard Circular Connectors(37354)

### Customers Also Bought



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



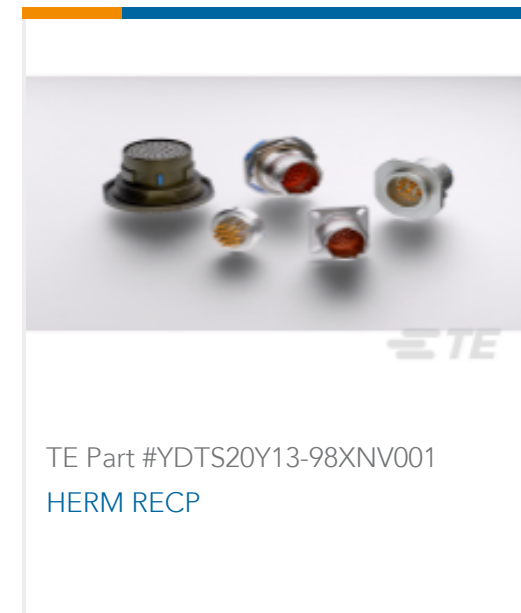
TE Part #1616058-6  
A703CD (FAA/PMA)=RELAY



TE Part #ZPF000000000001261  
097-0267-16 A1267



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



## Documents

### Product Drawings

[RECP ASSY](#)

English

### Datasheets & Catalog Pages

[MIL-DTL-38999 Series III](#)

English

[DEUTSCH DTS Series Connectors for 38999 QRG](#)

English