

DTB 20 B 15-35 SC ✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: ZPF000000000086720

Standard Circular Connectors, Cable-to-Panel, 37 Position,
Sealable, Wire & Cable, Power, Signal & High Speed Data,
DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **37**

Sealable: **Yes**

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

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

Features

Product Type Features

Prewired	No
Product Type	Connector
Accessory Color	Natural
Assembly Type	Electrical Connector
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Square Flange

Configuration Features

Factory Installed Backshell	No
Keying	C
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37
Contacts Preloaded	No

Electrical Characteristics



Operating Voltage	115 VAC
Voltage	1300 Vrms

Body Features

Peripheral Seal Material	Silicone
Environmental Protection	Yes
Feedthrough Type	No
Environmental Protection Type	Elastomer Sealed
Entry Style	Rear Insertion
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
Shell Base Material	Bronze
Circular Connector Insulation Material Type	Polyetherimide
Hermetically Sealed	No

Contact Features

Contact Quantity (Size 22D)	37
Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	15 – 35
Circular Connector Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention Type	Triple Start Threaded
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	With
PCB Mount Retention	Without
Panel Mount Feature Type	Square Flange
Connector Mounting Type	Panel Mount
Polarization Code	C
Mating Alignment Type	Keyed
Mating Retention	With



Housing Features

Circular Connector Shell Size	D (15)
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Dimensions

Accepts Wire Insulation Diameter Range	.76 – 1.37 mm [.03 – .054 in]
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Assembly Length	31.5 mm [1.24 in]
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Wire Size	.33 – .08 mm ²
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Usage Conditions

Fluid Resistance	Yes
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Operating Temperature Range	-65 – 175 °C [-85 – 347 °F]
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Operation/Application

Durability Rating	500 Cycles
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Circuit Application	Power, Signal & High Speed Data
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Shielded	Yes
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Packaging Features

Packaging Quantity	1
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Other

Position Locations Omitted	All
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Out of Scope
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Pb (1.2% in alloy)</p> <p>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.</p>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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>

Also in the Series | **DEUTSCH 38999**



Standard Circular Connectors(12501)

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



Standard Circular Connectors(37354)

Customers Also Bought



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



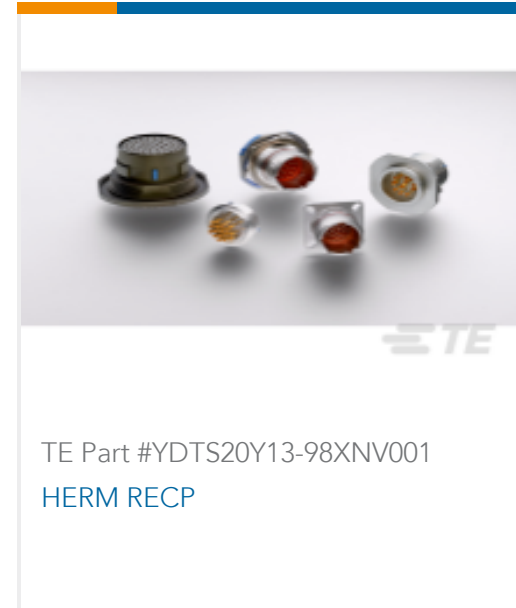
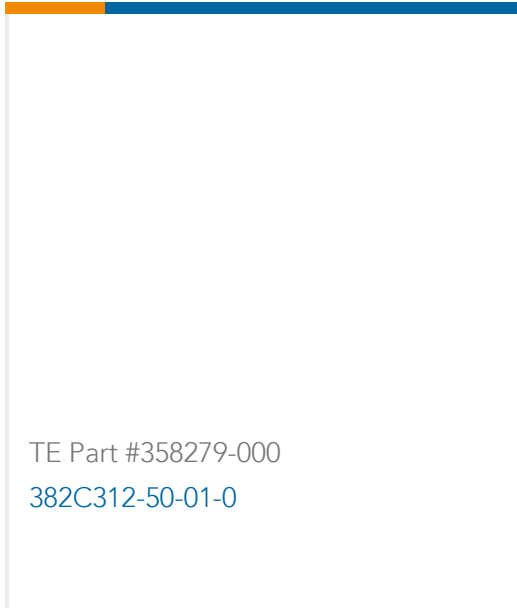
TE Part #1616058-6
A703CD (FAA/PMA)=RELAY



TE Part #ZPF000000000001261
097-0267-16 A1267



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



Documents

Product Drawings

[DTB 20 B 15-35 SC](#)

English

Datasheets & Catalog Pages

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

English