



DEUTSCH | DEUTSCH 38999 Series III Composite Connectors

TE Internal #: YACT26ME06ADV00100

Standard Circular Connectors, Cable-to-Panel, 6 Position, Sealable, Wire & Cable, Power, Panel Mount, DEUTSCH 38999 Series III Composite Connectors

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Connectors > Circular Connectors > Standard Circular Connectors > Straight Plug D38999, E06 Insert



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

Number of Positions: **6**

Sealable: **Yes**

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

Contact Current Rating (Max): **23 A**

[All Straight Plug D38999, E06 Insert \(70\)](#)

Features

Product Type Features

Product Type	Connector
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	D
Factory Installed Backshell	No
Keying	Key Polarization D
Number of Positions	6
Number of Power Positions	6
Number of Signal Positions	0
Contacts Preloaded	No

Electrical Characteristics



Operating Voltage	600 VAC
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Voltage	1800 Vrms
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Body Features

Environmental Protection	Yes
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Weight	20.5 g[.0453 lb]
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Feedthrough Type	No
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Environmental Protection Type	Elastomer Sealed
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Entry Style	Rear Insertion
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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
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Shell Plating Material	Electroless Nickel
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Shell Base Material	Composite
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Circular Connector Insulation Material Type	Hard Dielectric/Silicone
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Hermetically Sealed	No
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Contact Features

Contact Quantity (Size 12)	6
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Contact Current Rating (Max)	23 A
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Reverse Gender	No
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Contact Layout Arrangement	E06
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Circular Connector Contact Type	Less Pin
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Mechanical Attachment

Mating Retention Type	Triple Start Threaded
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Panel Mount Feature	Without
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Connector Mounting Type	Panel Mount
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Polarization Code	D
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Mating Alignment Type	Keyed
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Mating Retention	With
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Housing Features

Circular Connector Shell Size	17
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Alignment Keyed	Clocking
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Dimensions

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Accepts Wire Insulation Diameter Range	2.46 – 3.61 mm [.097 – .142 in]
Assembly Length	31.5 mm [1.24 in]
Wire Size	2.08 – 3.31 mm ²

Usage Conditions

Fluid Resistance	Yes
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
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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
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 Assembly) 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 # YACT24ME06BDV00100
JAM NUT RECEPTACLE

Also in the Series | DEUTSCH 38999 Series III Composite Connectors



Standard Circular Connectors(12001)

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



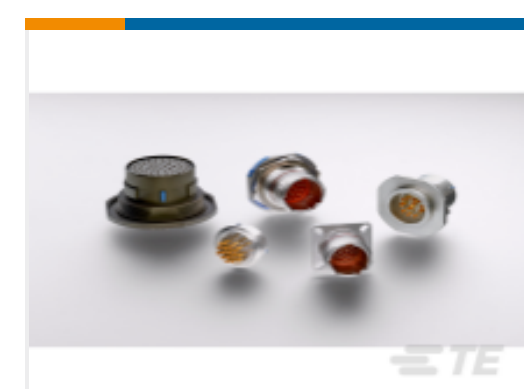
TE Part #358279-000
382C312-50-01-0



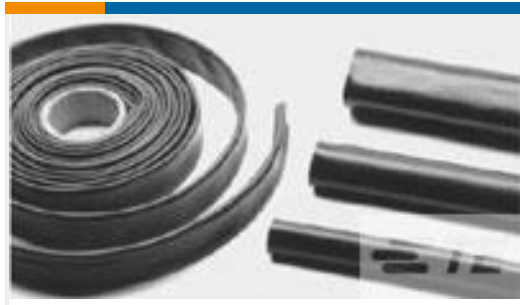
TE Part #ZPF000000000007174
983-0RS 08-98 PN



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



TE Part #YDTS20Y13-98XNV001
HERM RECP



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

Documents

Product Drawings

[STRAIGHT PLUG](#)

English

Datasheets & Catalog Pages

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

English