



DEUTSCH

TE Internal #: YACT24MA35HEC00100

Standard Circular Connectors, Wire-to-Wire, 6 Position, .1 in [.06 mm] Centerline, Sealable, Wire & Cable, Power & Signal, Panel Mount

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **.06 mm [.1 in]**

Sealable: **Yes**

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

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Product Type | Connector |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Circular Connector Type | Receptacle |
| Shell Type | Jam Nut Receptacle |

Configuration Features

| | |
|----------------------------|----|
| Number of Positions | 6 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 6 |
| Contacts Preloaded | No |

Body Features

| | |
|---|--------------------------|
| Shell Plating Material | Electroless Nickel |
| Shell Base Material | Composite |
| 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 | Circular |
| Circular Connector Contact Type | Pin/Socket |

Mechanical Attachment

| | |
|-------------------------|--------------|
| Connector Mounting Type | Panel Mount |
| Polarization Code | Normal |
| Mating Alignment Type | Polarization |
| Mating Retention | Without |

Housing Features

| | |
|-------------------------------|---------------|
| Centerline (Pitch) | .06 mm[.1 in] |
| Circular Connector Shell Size | A (09) |
| Alignment Keyed | Clocking |

Dimensions

| | |
|-----------|--------------------------|
| Wire Size | .15 – .4 mm ² |
|-----------|--------------------------|

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
| Shielded | Yes |

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert Subassembly) <small>Article Safe Usage Statements:</small> |

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 # YACT26MA35JEV00100
STRAIGHT PLUG



TE Part # 601966-1
CRIMPING TOOL M22520/2-01

Customers Also Bought



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




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



TE Part #ZPF0000000000001261
097-0267-16 A1267



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



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



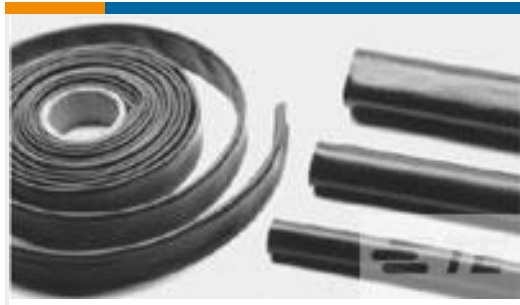
TE Part #ZPF00000000000007174
983-ORS 08-98 PN



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



TE Part #YDTS20Y13-98XNV001
HERM RECP



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

Documents

Product Drawings

[JAM NUT RECEPTACLE](#)

English

Datasheets & Catalog Pages

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

English