



Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Sealable: **No**

Circuit Application: **Power**

Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
Shell Type	Metal

Electrical Characteristics

Operating Voltage	63 VAC
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Body Features

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT+PA

Mechanical Attachment

Mating Retention Type	Push-Pull Self-Locking
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Connector Mounting Type

Cable Mount (Free-Hanging)

Housing Features

Circular Connector Shell Size	15
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Dimensions

Cable Diameter Range	4.5 - 6.5 mm[.18 - .26 in]
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Usage Conditions

Operating Temperature Range	-20 - 130 °C[-4 - 266 °F]
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Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

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: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3.5% in Component part) <b>Article Safe Usage Statements:</b> 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











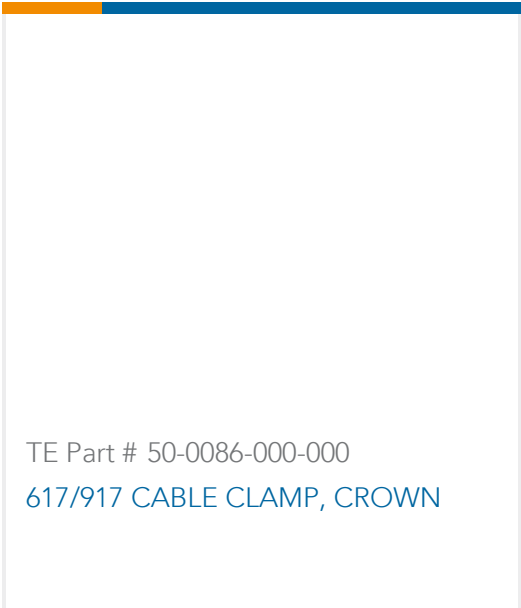
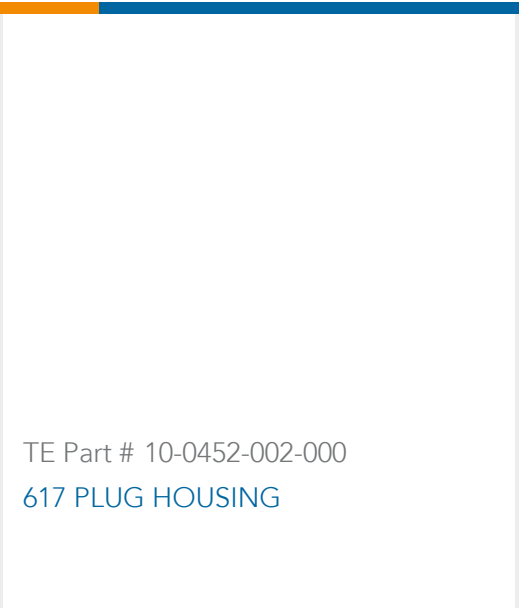
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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

 <p>TE Part # 60-0251-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # 60-0252-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # 60-0265-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # EEA204N00000001000 915 ITEC RECEPTACLE</p>
 <p>TE Part # C0-0201-000-000 CRIMPING TOOL MID-SIZE</p>	 <p>TE Part # C0-0235-000-000 DIGITAL CRIMPING TOOL, SMALL</p>	 <p>TE Part # C0-0258-000-000 POSITIONING INSERT FOR 1 MM CONTACTS</p>	 <p>TE Part # EGC204N00000651000 615 itec receptacle angl rotatable 25x25</p>

Customers Also Bought

 <p>TE Part # 60-0011-011-000 CONTACT SOCKET 1 MM</p>	 <p>TE Part # 60-0254-011-000 CONTACT SOCKET 2 MM</p>	 <p>TE Part # 61-0242-011-000 CONTACT PIN 2 MM</p>	 <p>TE Part # BKA145N00420200000 923 EXTENSION, SPEEDTEC-READY</p>
 <p>TE Part # BSA078N00420100000 923 PLUG, SPEEDTEC</p>	 <p>TE Part # ESA202N00340500000 915 PLUG</p>	 <p>TE Part # HSA501N0044100P000 740 PLUG, SPEEDTEC</p>	 <p>TE Part # HSA501N0045100P000 740 PLUG, SPEEDTEC</p>



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_ESB205N00310003000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_ESB205N00310003000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_ESB205N00310003000\_A.3d\_stp.zip

English

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Datasheets & Catalog Pages

ESB205N00310003000

English

fuer Datenblaetter, die online konfigurierbar sind

German