



Energy & Power > Power System Connectors > Mechanical Connectors

Mechanical Connector Product Availability: **EMEA**

Mechanical Connector Technology: **Bolted Connector**

Mechanical Connector Voltage Class: **≤ 1 kV**

Mechanical Connector Conductor Material: **Copper**

Conductor Type: **Solid, Stranded**

## Features

### Product Type Features

Product Family	Simel
Mechanical Connector Technology	Bolted Connector
Mechanical Connector Material	Brass
Underground Network Component Type	Terminal Lug

### Electrical Characteristics

Mechanical Connector Voltage Class	≤ 1 kV
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### Body Features

Mechanical Connector Conductor Material	Copper
Conductor Type	Solid, Stranded

### Dimensions

Stud Size	M8
Conductor Range	10 – 70 mm <sup>2</sup>
Conductor Cross-Section	10 – 70 mm <sup>2</sup>
Palm Hole Diameter	9

### Operation/Application

Energized Installation	No
Free of Lead, Cadmium, Heavy Metals	Yes
Application Type	90° Palm Termination
Indoor Use	Yes
Outdoor Use	No



### Industry Standards

REACH Compliance	Contains no REACH June 2014 SvHC(s)
Mechanical Connector CSA Certified	No
Mechanical Connector UL Listed	No

### Product Availability

Mechanical Connector Product Availability	EMEA
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### Other

Conductor Gauge Type	Metric
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### Product Compliance

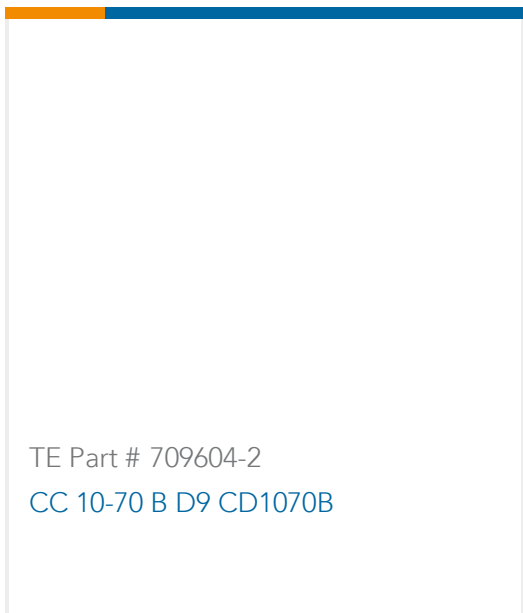
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2021 (219) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (2% 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

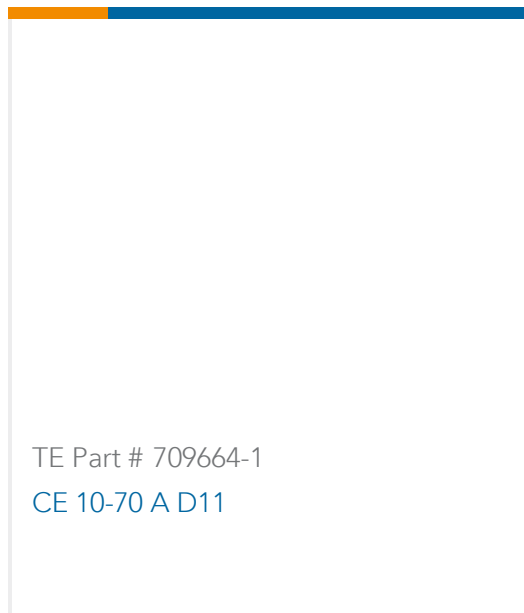
#### Product Compliance Disclaimer

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>

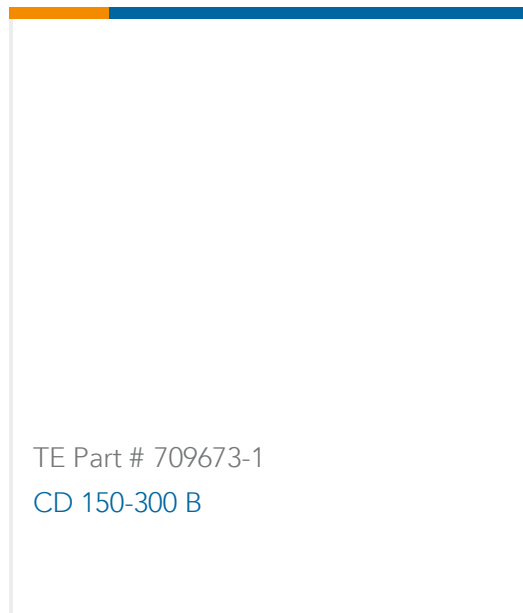
### Compatible Parts



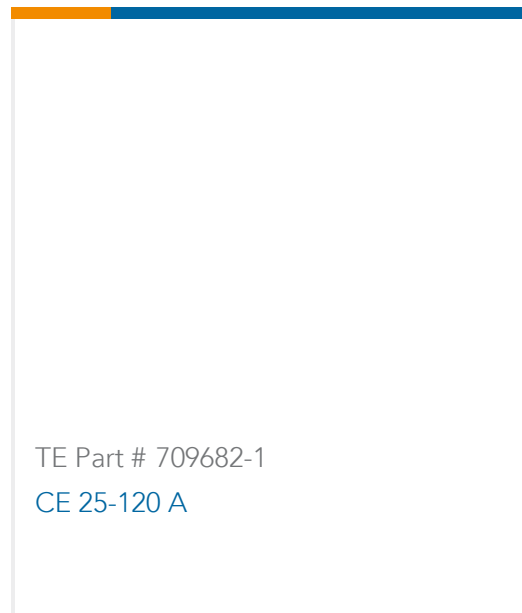
TE Part # 709604-2  
CC 10-70 B D9 CD1070B



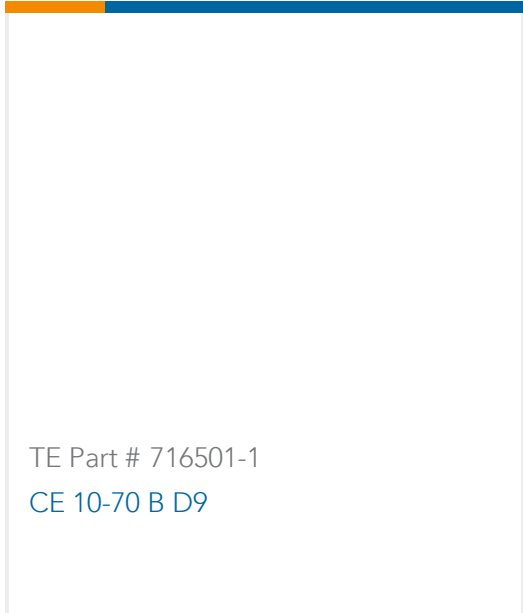
TE Part # 709664-1  
CE 10-70 A D11



TE Part # 709673-1  
CD 150-300 B



TE Part # 709682-1  
CE 25-120 A



TE Part # 716501-1  
CE 10-70 B D9

### Customers Also Bought



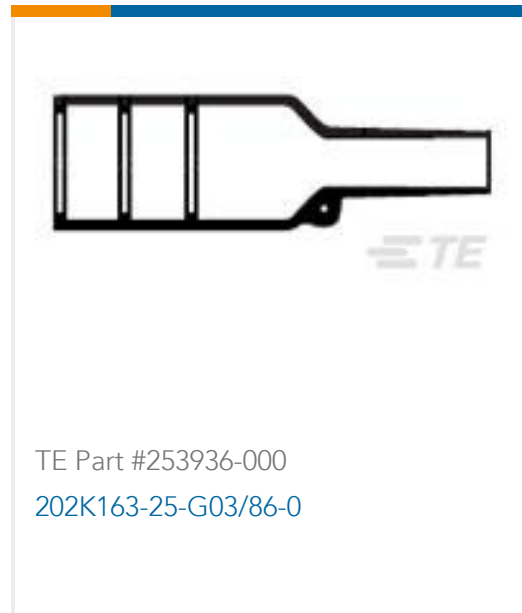
TE Part #350720-1  
09P UMNL PLUG HSG



TE Part #34070  
PG BUTT SPLC 22-16COMM22-18MIL



TE Part #2-2176406-4  
3560 9R1 1%



TE Part #253936-000  
202K163-25-G03/86-0



TE Part #1761682-6  
IDC LOW PRO HDR 16P RA HT BLACK



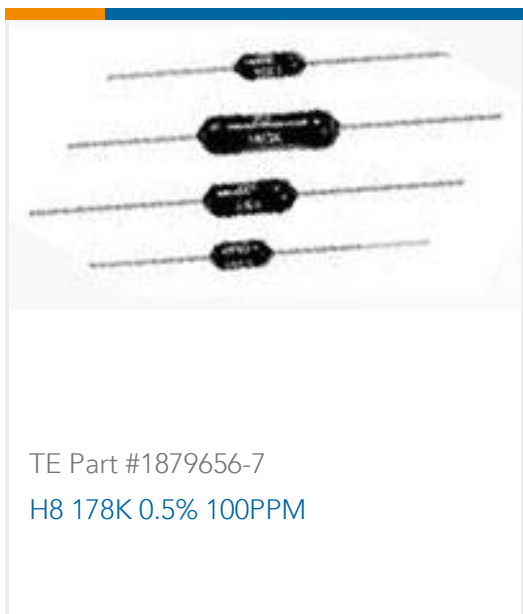
TE Part #1977738-1  
MPS1004DPC PSHBTN 0.4VA SPDT



TE Part #ZPF00000000024823  
901-26 R 61-0 PN



TE Part #331628-000  
D-500-0458-1-613-120



TE Part #1879656-7  
H8 178K 0.5% 100PPM

### Documents



**Product Drawings**

**CE 10-70 A D9 CE 10-70 A**

English

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**Datasheets & Catalog Pages**

**MECHANICAL TERMINAL LUGS**

English