



TE Internal #: EN3750-809  
Compression, ≤ 35 kV, Copper, Compression Crimp, Copper,  
Copper, 1000 – 1000 AWG/kcmil Conductor, 507 mm² Conductor,  
Compression Connectors  
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Energy & Power > Power Systems Connectors > Compression Connectors



Product Availability: **Americas**  
Installation Technology: **Compression**  
Voltage Class: **≤ 35 kV**  
Compatible Conductor Material: **Copper**  
Crimp Type: **Compression Crimp**

Features

Product Type Features

Installation Technology	Compression
Stud Size	5/8

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Class	≤ 35 kV
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Body Features

Conductor Type	Stranded
Compression Barrel Type	Standard
Compatible Conductor Material	Copper
Primary Product Material	Copper
Palm Terminal Material	Copper

Contact Features

Crimp Type	Compression Crimp
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Dimensions

Lug Length	101.6 mm[4 in]
Barrel Outside Diameter	38.4 mm[1.51 in]



Barrel Length	41.9 mm[1.65 in]
Lug Width	55.6 mm[2.19 in]
Barrel Inside Diameter	29.7 mm[1.16 in]
Compatible Conductor Range	1000 – 1000 AWG/kcmil
Compatible Conductor Cross-Section Range	507 mm²

Operation/Application

Compression Connector Product Type	Terminal Lug
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
NEMA Spacing (2-Hole)	No

Product Availability

Product Availability	Americas
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Other

Die Color Code	White
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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	Not Yet Reviewed
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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2107730-1  
AutoPress 80 18V+COF+CHARG

TE Part # 2107725-1  
AUTOPRESS L62+ COF+CHARG

TE Part # 2107475-2  
UNIPRESS 6/120 +COF+CHARG

TE Part # 2107733-4  
AUTOPRESS C120 18V+COF+CHARG 110V

Customers Also Bought

TE Part #1-1393139-8  
MDR-170-1=MDR

TE Part #6-1393139-3  
MDR-5061=MDR

TE Part #8-1437470-5  
SSC12AIA=120VAC 50/60HZ 3/60 M

TE Part #EN3750-775  
TCTS-3/0-1/2-U

TE Part #2-1423159-2  
7012PBX=RLY,STD,ON,2P,125VDC,

TE Part #EN3750-799  
TCTS-500-1/2-U

TE Part #CAT-AM74-AM74  
AMPPOWER Terminal Without Stud Hole

TE Part #6-1393139-2  
MDR-5060=MDR

Documents

Product Drawings

TCTS-1000-5/8-U

English

Datasheets & Catalog Pages

ALUMINUM COMPRESSION NARROW PALM LUGS

English