

# HEL-2070.1-Z-AK ✓ ACTIVE

TE Internal #: E43601-000

Mechanical Connectors, Worldwide,  $\leq 1$  kV, Aluminum-Copper, Stranded / Round, Conductor Range 10 – 50 mm<sup>2</sup>, Brass, 1 Contacts, Shield Terminal Lug

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Energy & Power > Power System Connectors > Mechanical Connectors



Mechanical Connector Product Availability: **Worldwide**

Mechanical Connector Voltage Class:  $\leq 1$  kV

Mechanical Connector Conductor Material: **Aluminum-Copper**

Conductor Type: **Round, Stranded**

Conductor Range: **10 – 50 mm<sup>2</sup>, 10 – 50 mm<sup>2</sup>**

## Features

### Product Type Features

Product Family	C04 - Hellstern Underground C&F / Bolted
Mechanical Connector Material	Brass
Underground Network Component Type	Shield Terminal Lug

### Configuration Features

Visual Inspection	No
Number of Contact Bolts	1

### Electrical Characteristics

Mechanical Connector Voltage Class	$\leq 1$ kV
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### Body Features

Mechanical Connector Conductor Material	Aluminum-Copper
Conductor Type	Round, Stranded
Blocked	Yes

### Dimensions

Stud Size	12
Bolt Head Size (Across Flats)	10 mm
Conductor Range	10 – 50 mm <sup>2</sup> , 10 – 50 mm <sup>2</sup>
Palm Hole Diameter	13



### Operation/Application

Energized Installation	No
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### Product Availability

Mechanical Connector Product Availability	Worldwide
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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: JUL 2021 (219) Candidate List Declared Against: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
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

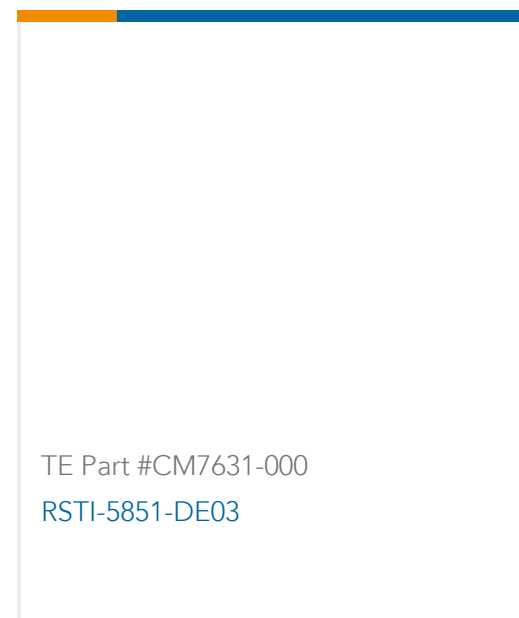
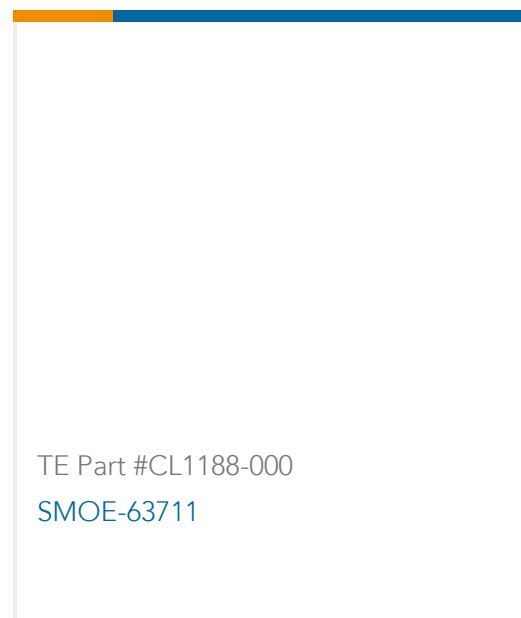
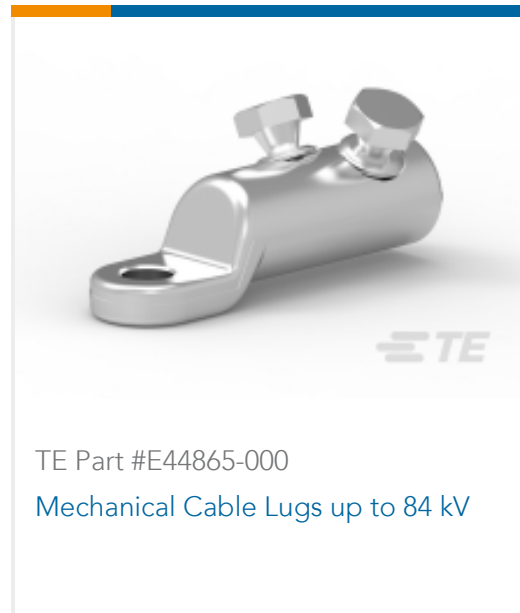
#### Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



## Customers Also Bought



## Documents

### Product Drawings

[HEL-2070.1-Z-AK](#)

English

### Datasheets & Catalog Pages

[CABLE-CLAMPS-BROCHURE](#)

English