

2361081-1 ✓ ACTIVE

SIMEL | SIMAFLEX

TE Internal #: 2361081-1

Mechanical Connectors, Bolted, ≤ 500 kV, Aluminum, Stud / Stranded, Conductor Range 1192 AWG/kcmil / 1300 AWG/kcmil, Aluminum Alloy, SIMAFLEX

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Energy & Power > Power Systems Connectors > Mechanical Connectors > High Voltage Flexible Cable Connectors



Mechanical Connector Product Availability: **Americas, Asia (Except China), Europe, Middle East & Africa**

Mechanical Connector Technology: **Bolted**

Mechanical Connector Voltage Class: **≤ 500 kV**

Mechanical Connector Conductor Material: **Aluminum**

Conductor Type: **Stranded, Stud**

[All High Voltage Flexible Cable Connectors \(807\)](#)

Features

Product Type Features

Product Family	Simaflex
Mechanical Connector Technology	Bolted
Mechanical Connector Material	Aluminum Alloy

Configuration Features

Number of Contact Bolts	8
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Electrical Characteristics

Mechanical Connector Voltage Class	≤ 500 kV
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Body Features

Mechanical Connector Conductor Material	Aluminum
Conductor Type	Stranded, Stud

Dimensions

Conductor Range	1192 kcmil, 1300 kcmil
Bolt Head Size (Across Flats)	17 mm
Conductor Range (Main)	32.6 mm ² , 34.5 mm ² 1192 AWG/kcmil[1300 AWG/kcmil]



Palm Hole Diameter	14
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Operation/Application

Free of Lead, Cadmium, Heavy Metals	Yes
Application Type	Terminal Connector
Outdoor Use	Yes

Industry Standards

Standards	IEC, NEMA
REACH Compliance	Yes

Product Availability

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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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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 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



TE Part # CAT-SIMAFLEX
High Voltage Flexible Cable
Connectors

Also in the Series | SIMAFLEX



Mechanical Connectors(811)

Customers Also Bought




TE Part #2328147-1
High Voltage Flexible Cable
Connectors



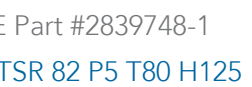
TE Part #2441304-1
5 MU 82 A T120 M345 E100



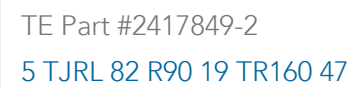
TE Part #2839332-1
5 TSR 82 P5 T160 H150



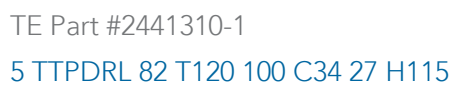
TE Part #2328134-1
5 CT 82 F M345 E100 M405



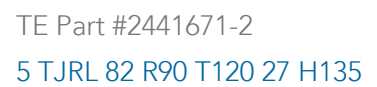
TE Part #2839748-1
5 TSR 82 P5 T80 H125



TE Part #2417849-2
5 TJRL 82 R90 19 TR160 47



TE Part #2441310-1
5 TTPDRL 82 T120 100 C34 27 H115



TE Part #2441671-2
5 TJRL 82 R90 T120 27 H135

Documents

Product Drawings



[5 PD 45 82 F M345 E100 100X200 R90](#)

English

[Datasheets & Catalog Pages](#)

[SIMAFLEX SUBSTATION CONNECTOR SYSTEM](#)

English