

50831 ✓ ACTIVE

STRATO-THERM

TE Internal #: 50831

Ring Terminals & Spade Terminals, Ring Tongue, 22 – 20 AWG

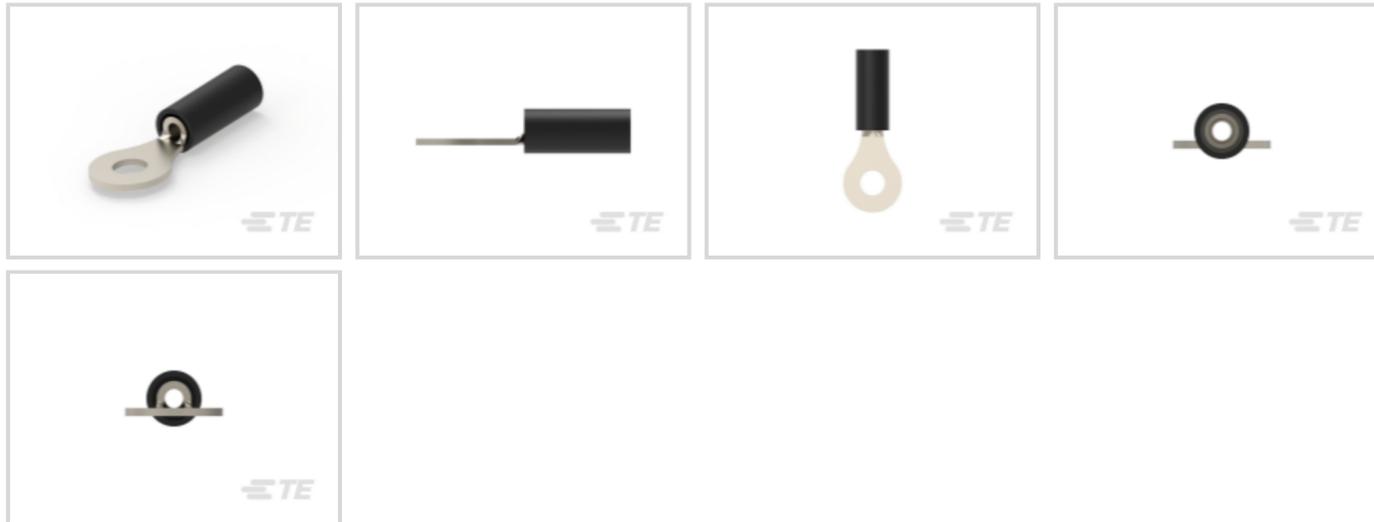
Wire Size, .3 – .6 mm² Wire Size, 509 – 1290 CMA Wire Size,

STRATO-THERM

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **509 – 1290 CMA**

Stud Size: **#4, M2.5**

Features

Product Type Features

Shape Description	RING-052
Stud Size	#4, M2.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
Terminal Angle	180 °

Electrical Characteristics

Voltage (Max)	300 V
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Body Features

Weight per Piece	10 g
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Contact Features

Ring & Spade Terminal Type	Ring Tongue
Barrel Type	Closed
Terminal Orientation	Offset



Terminal Plating Material	Nickel
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	509 – 1290 CMA
Stud Diameter	3.02 mm[.119 in]
Tongue Thickness	.64 mm[.025 in]
Overall Product Length	19.69 mm[.775 in]
Accepts Wire Insulation Diameter (Max)	2.54 mm[.1 in]
Accepts Wire Insulation Diameter Range	.89 – 2.54 mm[.035 – .1 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	288 °C[550 °F]

Operation/Application

Heavy Duty	No
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Industry Standards

Government Qualified	No
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

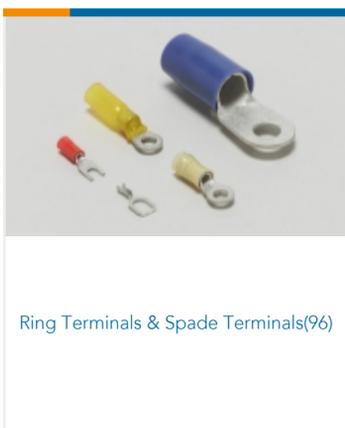
Product Compliance Disclaimer

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



Also in the Series | STRATO-THERM



Documents

Product Drawings

TERMINAL,PIDG PTFE R 22-20 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_50831_K.2d_dxf.zip

English



Customer View Model

[ENG_CVM_CVM_50831_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_50831_K.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[STRATO-THERM Terminals & Splices for High Temperature Applications](#)

English

Product Specifications

[Application Specification](#)

English