



STRATO-THERM

TE Internal #: 50845-1
Ring Terminals & Spade Terminals, Ring Tongue, 12 – 10 AWG
Wire Size, 3 – 6 mm² Wire Size, 5180 – 13100 CMA Wire Size, Stud
Size M4 / #8, STRATO-THERM

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**
Wire Size: **5180 – 13100 CMA**
Stud Size: **#8, M4**

Features

Product Type Features

Shape Description	RING-052
Stud Size	#8, M4
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	2.828 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	5180 – 13100 CMA
Stud Diameter	4.34 mm[.171 in]
Tongue Thickness	.79 mm[.031 in]
Overall Product Length	27.51 mm[1.083 in]
Accepts Wire Insulation Diameter (Max)	5.44 mm[.214 in]
Accepts Wire Insulation Diameter Range	2.59 – 5.44 mm[.102 – .214 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	500
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>

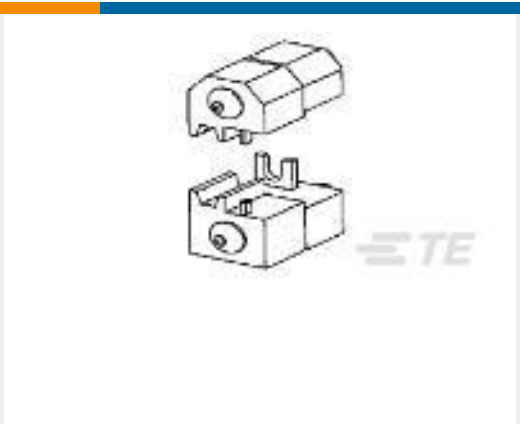
Compatible Parts



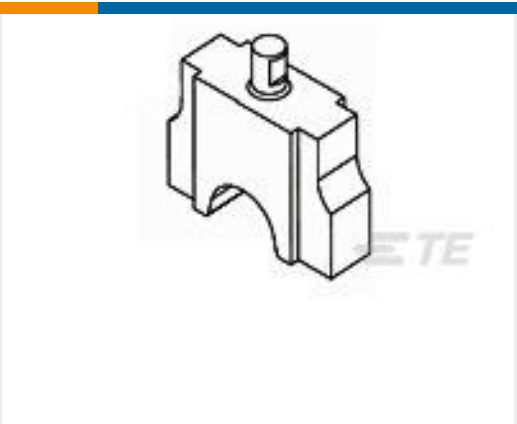
TE Part # 69735
PIDG STRATO 12-10 DIE SET



TE Part # 576784
HHHT PIDG PEEK STRATO 10 ASSY



TE Part # 576723
SAHT PIDG PEEK STRATO 10 DIE SET



TE Part # 1976976-1
DIES PIDG STRATO 10 DIE SET

Also in the Series | STRATO-THERM



Ring Terminals & Spade Terminals(96)



Splices(16)

Documents

Product Drawings
TERMINAL,PIDG PTFE R 12-10 8
English

CAD Files
Customer View Model
ENG_CVM_CVM_50845-1_K.2d_dxf.zip
English
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_50845-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_50845-1_K.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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English