



STRATO-THERM

TE Internal #: 50845-1
Closed Ring Tongue Terminal, 12 – 10 AWG, #8 / M4 Stud, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Nickel Plating, STRATO-THERM

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: Closed Ring Tongue Terminal

Wire Size: 5180 – 13100 CMA

Stud Size: #8, M4

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#8, M4
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Number of Holes	1
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Electrical Characteristics

Voltage Rating	300 V
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Body Features

Product Weight	2.828 g
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Contact Features

Barrel Type	Closed
Terminal Orientation	Straight
Terminal Plating Material	Nickel

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]
Product Length	27.51 mm[1.083 in]
Compatible Insulation Diameter (Max)	5.44 mm[.214 in]
Compatible Insulation Diameter Range	2.59 – 5.44 mm[.102 – .214 in]

Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	0 – 288 °C[0 – 550 °F]

Industry Standards

Government Qualified Terminal	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

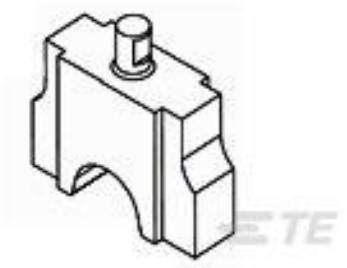
Product Compliance Disclaimer

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

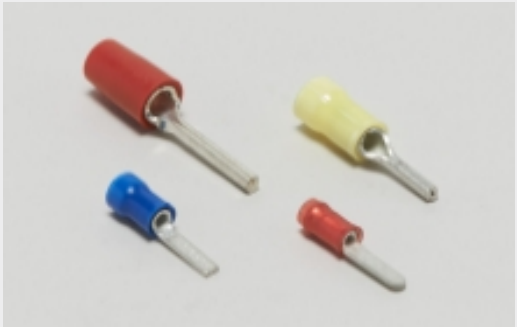


TE Part # 1976976-1
DIES PIDG STRATO 10 DIE SET



TE Part # 69735
PIDG STRATO 12-10 DIE SET

Also in the Series | STRATO-THERM



Crimp Wire Pins, Tabs & Ferrules(1)

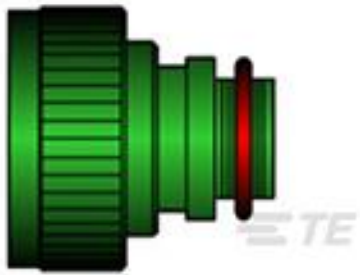


Ring Terminals(85)

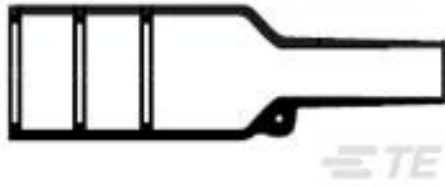


Splices(13)

Customers Also Bought



TE Part #173855-000
TXR40SJ00-0804AI



TE Part #822541-000
202K121-4-0



TE Part #216787-000
SO96-3-55-22-90



TE Part #2-179553-3
DYNAMIC D-3200 WTW TAB HSG 3P





TE Part #323749
[DIAMOND GRIP 12-10 HT R 8](#)



TE Part #696047-1
[TERMINAL PG 12-10, 8](#)



TE Part #4-1618274-9
[HC-4=RELAY, VACUUM, SPDT](#)

TE Part #0730466001
[DR-25-3/16-0-FAR-10M](#)



TE Part #284059-000
[44A0311-16-2-US](#)



TE Part #725359-000
[55PC0211-20-9CS2600](#)

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