

31770 ✓ ACTIVE

DIAMOND GRIP | STRATO-THERM DIAMOND GRIP

TE Internal #: 31770

Tin, Wire Insulation Support, 22 – 16 AWG Wire Size, .26 – 1.65 mm²

Wire Size, STRATO-THERM DIAMOND GRIP, Knife Disconnects

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Terminals & Splices > Knife Disconnects



Body Plating Material: Tin

Wire Insulation Support: With

Compatible Insulation Diameter (Max): 3.18 mm [.125 in]

Wire Size: .26 – 1.65 mm²

Features

Body Features

Body Plating Material	Tin
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter (Max)	3.18 mm [.125 in]
Wire Size	.561 – 3.26 kcmil

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	170 °C [338 °F]

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 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 DIAMOND GRIP**



Knife Disconnects(4)

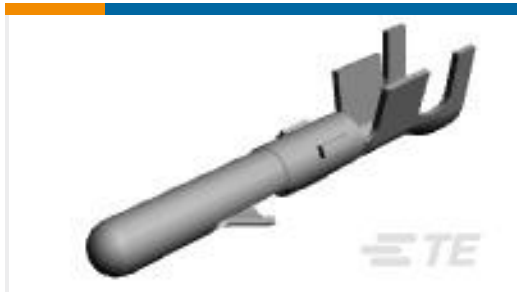
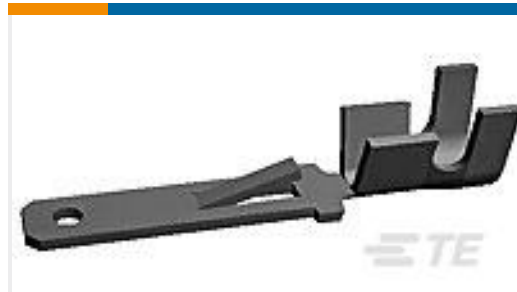
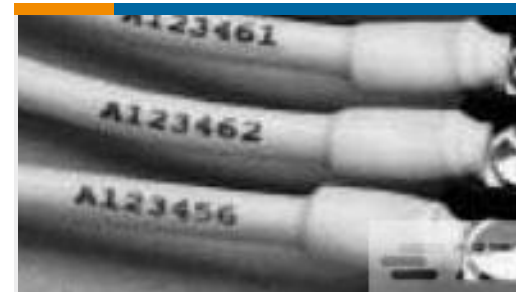
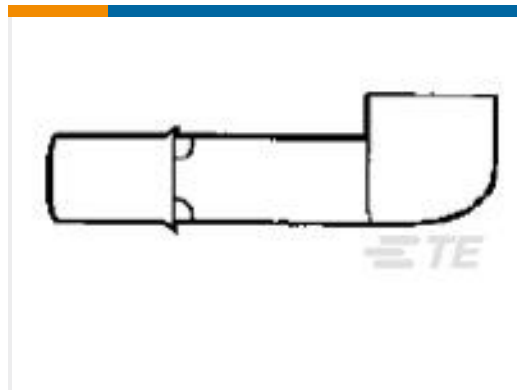


Ring Terminals(61)



Splices(8)

Customers Also Bought

TE Part #60618-4
CMNL PIN PTPPHBZL/PTE Part #42565-2
FF 250 TAB 18-14AWG TPBR PRE
CRIMPEDTE Part #41330
RING 18-14 AWG TPBRTE Part #5053192058
RNF-100-1/2-0-STKTE Part #2-1423155-4
GPFNR=RLY,250VDC,MAG
BLOWOUT,DIODE SUPPRTE Part #31945
KNIFE DISCONNECT,STD B 12-10TE Part #5-1423177-7
ETR14B3AN004=RLY,NUC,ON,4P,
24VDC,3SEC,MATE Part #1423170-3
E7022AC004=RLY,NUC,OFF,2P,120TE Part #5053182032
RNF-100-3/8-9-STKTE Part #5-331350-3
BNC PLUG DUAL CRIMP

Documents

Product Drawings

[KNIFE DISCONNECT,DG 22-16](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_31770_L.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_31770_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_31770_L.3d_stp.zip](#)

English

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

Agency Approvals

[Agency Approval Document](#)

English