31942 ✔ ACTIVE

DIAMOND GRIP | STRATO-THERM DIAMOND GRIP

TE Internal #: 31942

Tin, Uninsulated, 12 – 10 AWG Terminal Knife Disconnect Splice, 2.62 – 6.64 mm² Wire, 5.17 – 13.1 kcmil, STRATO-THERM DIAMOND GRIP

View on TE.com >

Terminals & Splices > Knife Disconnects







Body Plating Material: **Tin**

Wire Insulation Support: **With**

Compatible Insulation Diameter (Max): **5.84 mm [.23 in]**

Wire Size: **2.62 – 6.64 mm²**

Features

Body Features

Body Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Compatible Insulation Diameter (Max)	5.84 mm[.23 in]
Wire Size	5.17 – 13.1 kcmil

Usage Conditions

Insulation Option	Uninsulated

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 Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

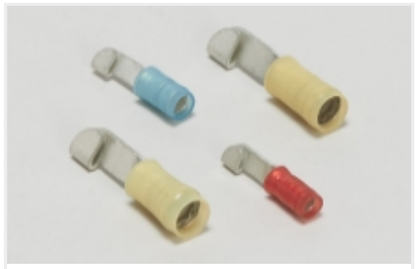
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

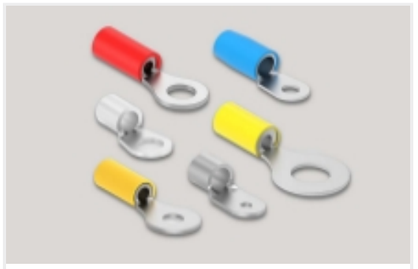


TE Part # 59054
HHHT DIAMOND GRIP 12-10 ASSY

Also in the Series | STRATO-THERM DIAMOND GRIP



Knife Disconnects(3)



Ring Terminals(60)



Splices(8)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



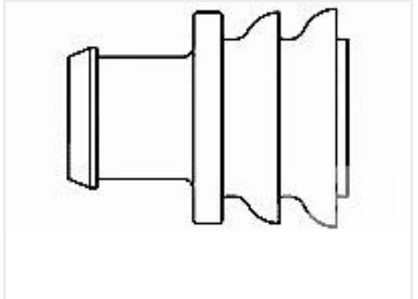
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

KNIFE DISCONNECT,DG 12-10

English

CAD Files

Customer View Model

ENG_CVM_CVM_31942_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_31942_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_31942_D.3d_stp.zip

English

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Agency Approvals

Agency Approval Document

English