

31943 ✓ ACTIVE

DIAMOND GRIP | STRATO-THERM DIAMOND GRIP

TE Internal #: 31943

Tin, Wire Insulation Support, 16 – 14 AWG Wire Size, 1.04 – 2.62 mm<sup>2</sup> 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): 3.81 mm [.15 in]

Wire Size: 1.04 – 2.62 mm<sup>2</sup>

### Features

#### Body Features

|                       |     |
|-----------------------|-----|
| Body Plating Material | Tin |
|-----------------------|-----|

#### Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

#### Dimensions

|                                      |                   |
|--------------------------------------|-------------------|
| Compatible Insulation Diameter (Max) | 3.81 mm [.15 in]  |
| Wire Size                            | 2.05 – 5.18 kcmil |

#### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Loose Piece |
| Packaging Quantity | 1000        |

#### Usage Conditions

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

#### Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|



EU ELV Compliance

Compliant

### 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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>

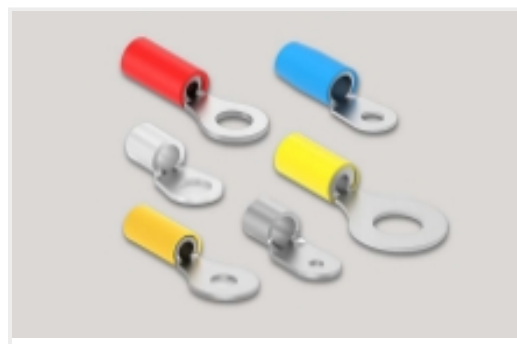
### Compatible Parts



Also in the Series | **STRATO-THERM DIAMOND GRIP**



Knife Disconnects(3)



Ring Terminals(61)



Splices(8)

## Customers Also Bought

TE Part #DRC12-70PA  
DEUTSCH DRC HousingsTE Part #HD36-18-14SN-072  
DEUTSCH HD30 HousingsTE Part #DT04-4P-EP13  
DEUTSCH DT Receptacle ConnectorsTE Part #2-1423157-0  
7012AH=RLY,STD,ON,2P,120VAC,30TE Part #DRC24-BT  
BOOT, 24P, 16SZ, PLG/REC, ST, BLKTE Part #DRC70-BT  
BOOT, 70P, 16SZ, PLG/REC, ST, BLKTE Part #33463  
TERMINAL,SOLIS R 8 3/8

## Documents

### Product Drawings

[KNIFE DISCONNECT,DG 16-14](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_31943\\_E.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31943\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_31943\\_E.3d\\_stp.zip](#)

English

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[Agency Approvals](#)

[Agency Approval Document](#)

English