31834 ✔ ACTIVE

DIAMOND GRIP

TE Internal #: 31834

Butt Splice, 12 – 10 AWG, 2.62 – 6.64 mm² Wire, 5.18 – 13.1 kcmil, 5180 – 13100 CMA, Uninsulated, Serrated, Copper, 33.4 mm [1.315 in] Length

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Terminals & Splices > Splices





Splice Type: **Butt Splice**

Wire Size: **2.62 – 6.64 mm²**

Sealable: **No**

Splice Features: **Serrated**

Features

Product Type Features

Splice Type	Butt Splice
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Body Features

Product Weight	3.911 g
Splice Features	Serrated

Contact Features

Terminal Plating Material	Tin
Contact Base Material	Copper
Barrel Type	Closed

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	5.18 – 13.1 kcmil
Compatible Insulation Diameter Range	5.58 mm[.22 in]
Product Length	33.4 mm[1.315 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Compatible With Wire Base Material	Copper

Industry Standards

Government Qualified Splice	No

Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com>

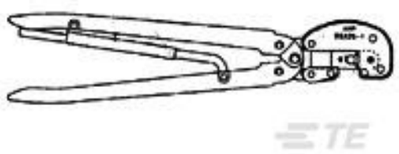
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 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

Customers Also Bought



TE Part #0460-215-16141
PIN, SOLID, SIZE 16, 14AWG, NI



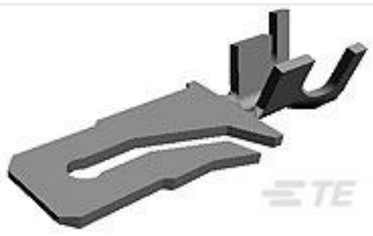
TE Part #DT06-4S-CE05
PLG, 4P, BLK, E, SEAL RET, CAP



TE Part #DTP04-4P-E003
REC, 4P, GRY, N, CAP



TE Part #CAT-AM7801-T273
Contacts: Size 16, 13A



TE Part #640416-2
BLADE TAB 250 18-14AWG TPBR



TE Part #1-6609032-3
10VR1=F7206 S0

Documents

Product Drawings

SPLICE DG BUTT STRAP 12-10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_31834_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_31834_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_31834_M.3d_stp.zip

English

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Agency Approvals

UL Report

English