63667-3 ✔ ACTIVE

MAG-MATE | MAG-MATE 500

TE Internal #: 63667-3

Tab Magnet Wire Terminal, 17.5 – 16 AWG, 1.09 – 1.29 mm, Insulation Displacement (IDC), 4.78 mm [.188 in] Tab Width, MAG-MATE 500

View on TE.com >

Terminals & Splices > Magnet Wire Terminals







Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.78 mm [.188 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Size 4**

Aluminum Wire Size: **1.22 – 1.45 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid

Body Features

Compatible With Cavity Size	Size 4

Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.78 mm[.188 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention Type	Hole

Dimensions

Terminal Height	12.83 mm[.505 in]
Aluminum Wire Size	1.22 – 1.45 mm
Magnet Wire Size	1.09 – 1.29 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	21.08 mm[.83 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper

Identification Marking

Identification Number	32

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel/Carton

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 reviewed 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

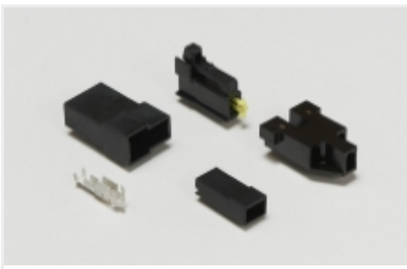
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 42617-1
187 FASTON REC 20-16 AWG BR

Also in the Series | MAG-MATE 500

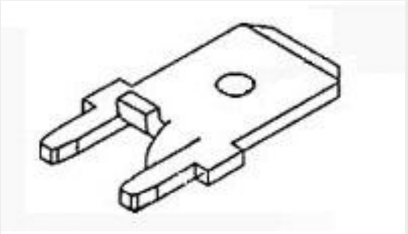


Magnet Wire Terminals(10)

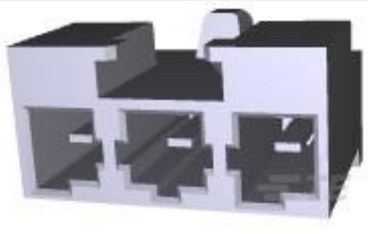
Customers Also Bought



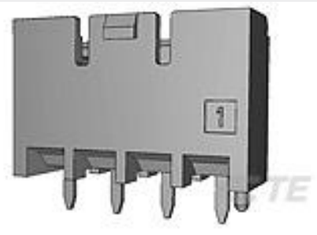
TE Part #63658-1
MAG MATE TERM 25-22 016TPBR



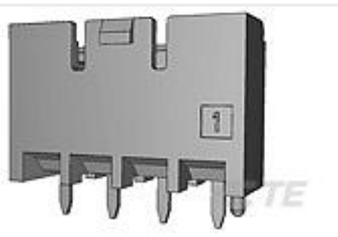
TE Part #63849-1
250 FASTON TAB TPBR



TE Part #179846-4
AMP POWER D/LOCK T/HDR ASSY 3P



TE Part #1376382-1
5mm B-T-W Conn. 2P HDR ASSEMBL



TE Part #2-1376382-3
5mm B-T-W Conn. 2P HDR ASSEMBL



TE Part #3-1971906-4
HEADER ASSY 8POS,KEYING-C,NEW GIC3.3



TE Part #2360538-6
SGI 1.25 HDR, 6P, RA, Key A, Natural

Documents

Product Drawings

MAG-MATE 187 FAST TAB 020TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63667-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63667-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63667-3_E.3d_stp.zip

English

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Product Specifications

Application Specification

English