

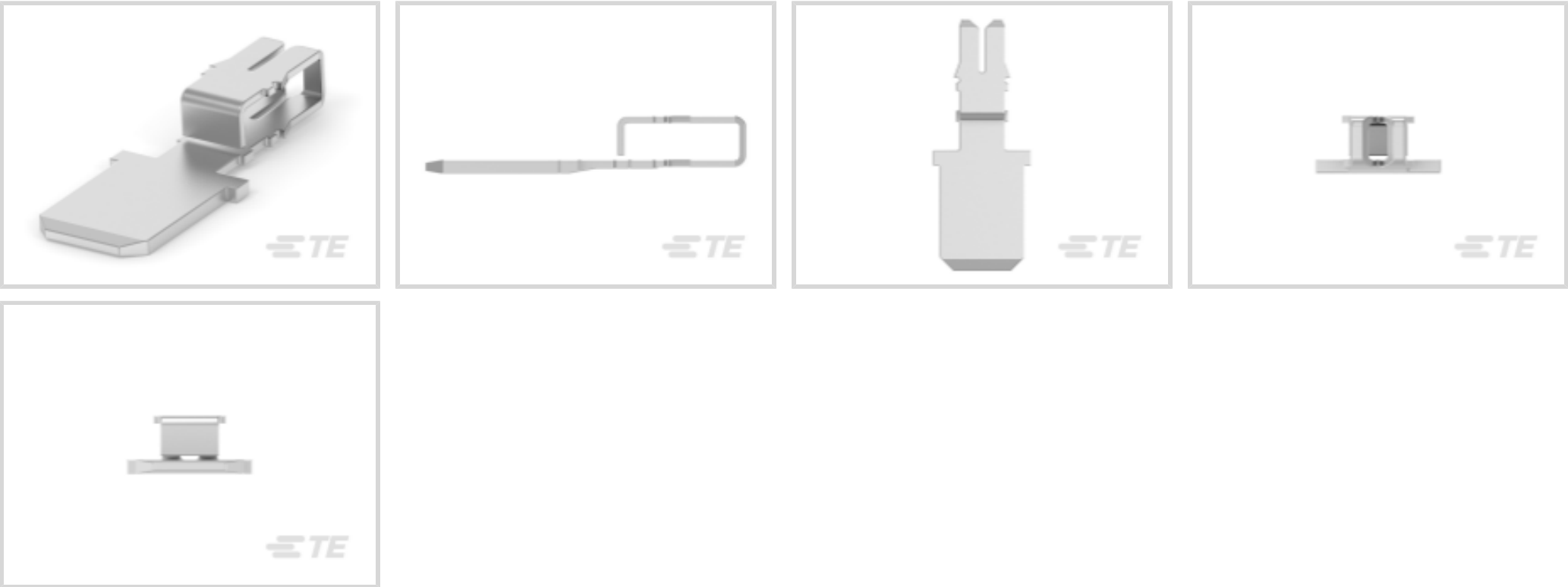


MAG-MATE

TE Internal #: 1217031-1
Tab, 6.35 mm [.25 in] Tab Width, 21 – 19 AWG Aluminum Wire, .41 – .91 mm Aluminum Wire, .64 – .81 mm Magnet Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **6.35 mm [.25 in]**
Mating Tab Thickness: **.81 mm [.032 in]**
Aluminum Wire Size: **21 – 19 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Hole
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Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	21 – 19 AWG



Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	18.97 mm[.746 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Packaging Features

Packaging Method	Bag
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Product Compliance

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

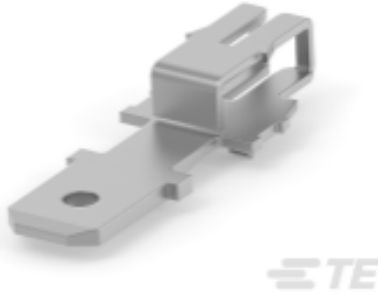
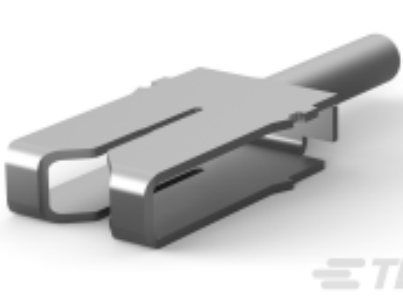
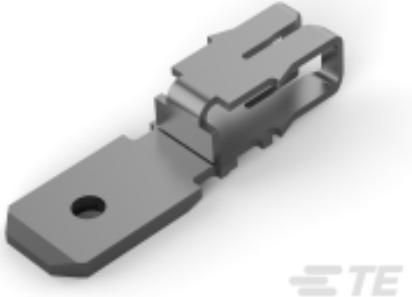
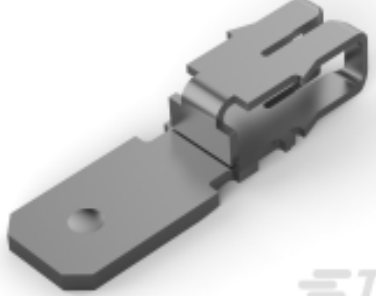
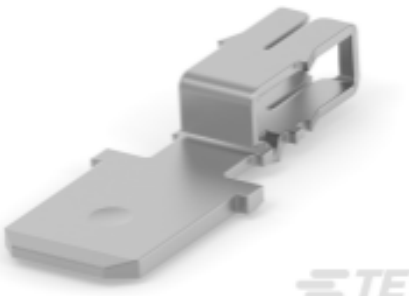
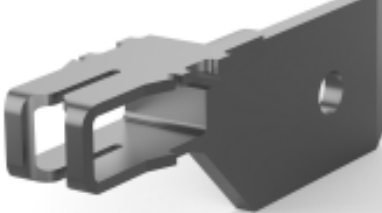
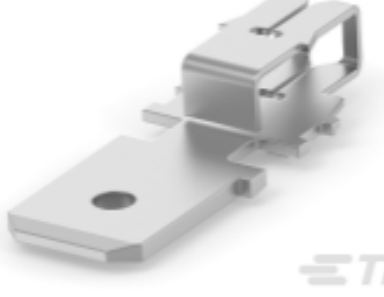
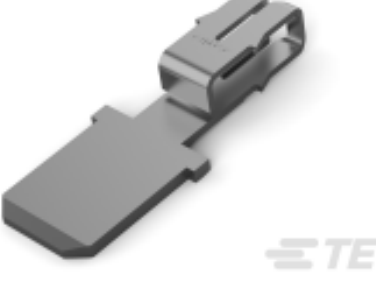
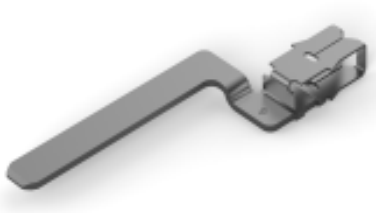
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

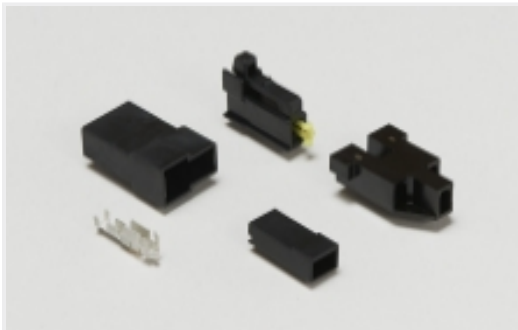


 TE Part # 1217994-1 TAB,187X032 FASTON,MAG-MATE	 TE Part # 136826-1 SPEC TAB MAG MATE 6.35	 TE Part # 1742409-1 PIN,090 DIAM,500 SERIES,MAG-MA	 TE Part # 62658-1 MAG-MATE 250FTAB 22-20 016TPBR
 TE Part # 1217128-1 TAB,187FAST 300SERIES MAG-MATE	 TE Part # 63720-2 TAB,250 MAG-MATE SLIM LN 19-17	 TE Part # 1217993-1 TAB,187X032 FASTON,MAG-MATE	 TE Part # 2232237-2 MAG-MATE W/250 CONN TAB TPBR
 TE Part # 2232683-1 MAG-MATE W/250 CONN TAB TPBR	 TE Part # 1217065-1 MAG-MATE 22-20 187 FTAB TPBR	 TE Part # 1217860-1 TAB,250 FASTON, MAG-MATE	 TE Part # 2232237-1 MAG-MATE W/250 CONN TAB TPBR
 TE Part # 2232555-1 MAG-MATE W/250 CONN TAB TPBR	 TE Part # 2232556-1 MAG-MATE W/250 CONN TAB TPBR	 TE Part # 1742398-1 TAB,FASTON,250 SERIES,MAG-MATE	 TE Part # 1217152-1 MAG-MATE.250 TAB 300 SER.
 TE Part # 1217870-1 TAB,250 FASTON,MAG-MATE	 TE Part # 1217924-1 TAB,250 FASTON,MAG-MATE	 TE Part # 1217032-1 MAG-MATE W/118 TAB 33-31 TPBR	 TE Part # 63920-1 MAG-MATE 250F TAB 27-23 TPBR

Also in the Series | [MAG-MATE](#)



Insertion & Extraction Tools(6)



Magnet Wire Terminals(329)

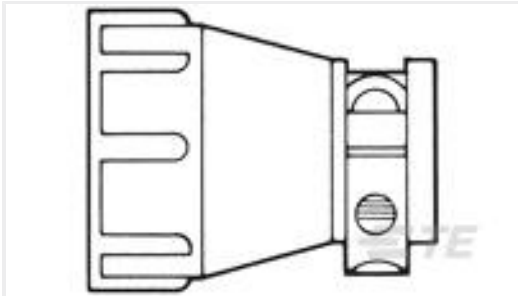


PCB Terminals(1)

Customers Also Bought



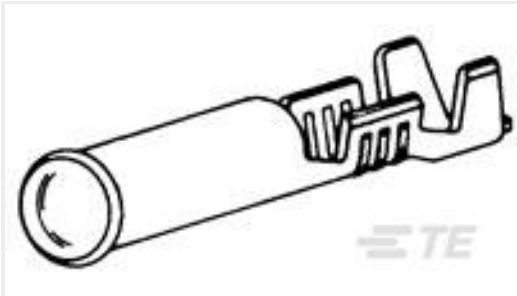
TE Part #63044-1
MAG-MATE TERM 27-23 016 TPBR



TE Part #206138-8
CLAMP CBL SHELL SIZE 23



TE Part #1648325-1
702-92-01109=CONTACT,SKT,#20



TE Part #61622-1
045SQ POST REC 24-20 010PTPBR



TE Part #DTF13-6P
HDR, 6P, BLK, RA, SN/NI/CU



TE Part #5-2176070-6
3521 2K0 1% 2W



TE Part #CAT-526SDL-SEALSE
Connector Seals: 2.55 mm, Signal Double Lock



TE Part #CAT-526SDL-SEALTP
Sealed Connector: TPAs, Signal Double Lock, 2.5 mm

Documents

Product Drawings

MAG-MATE 250FTAB 22-20 016TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217031-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217031-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217031-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Datasheets & Catalog Pages
Magnet Wire Terminals & Splices

English

Product Specifications
Application Specification

English