



MAG-MATE

TE Internal #: 1217128-1
Tab, Mating Tab Width 4.75 mm [.187 in], Size 4, 21 – 19 AWG
Aluminum Wire, .41 – .91 mm Aluminum Wire, MAG-MATE,
Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **4.75 mm [.187 in]**
Mating Tab Thickness: **.64 mm [.032 in]**
Compatible With Cavity Size: **Size 4**
Aluminum Wire Size: **21 – 19 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 4
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.64 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	.41 – .91 mm
Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	16 mm[.63 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	Reel, Reel/Carton
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

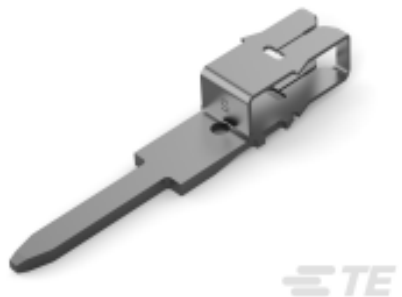
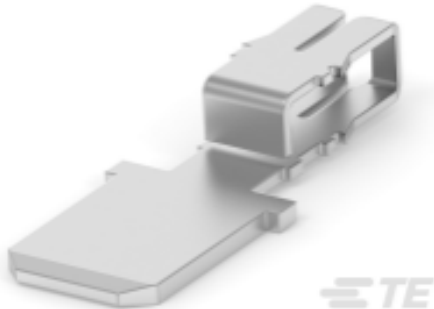
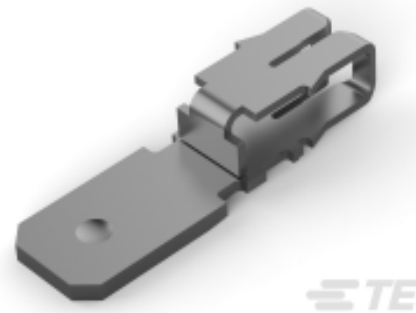
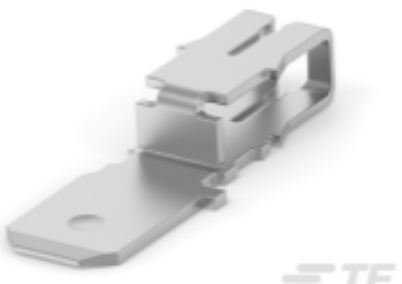
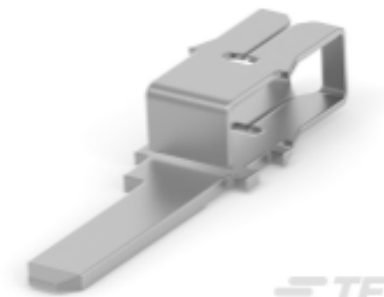
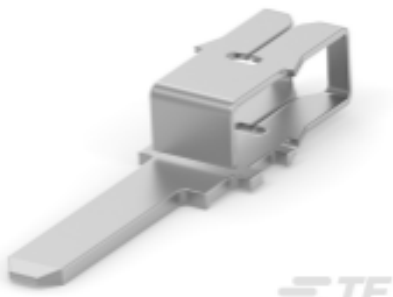
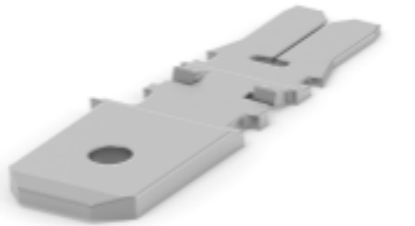
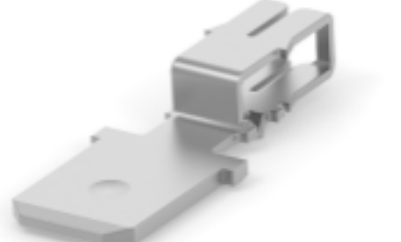
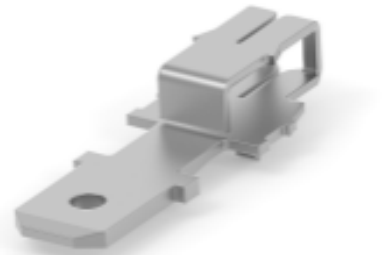
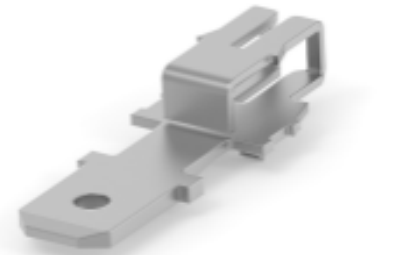
Product Compliance Disclaimer

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 # 63810-1 TERMINAL MAG-MATE TAB TPBR	 TE Part # 1217031-1 MAG-MATE 250FTAB 22-20 016TPBR	 TE Part # 1217924-1 TAB,250 FASTON,MAG-MATE	 TE Part # 1742474-1 TAB,.187 FASTON,MAG-MATE
 TE Part # 2232781-1 TAB, 187 FASTON, MAG-MATE SLIM	 TE Part # 1217516-1 TAB, 187 FASTON, MAG-MATE SLIM	 TE Part # 1217065-1 MAG-MATE 22-20 187 FTAB TPBR	 TE Part # 1742203-1 SPEC LEAF CONT,500SER,MAG-MATE
 TE Part # 1-62511-1 MAG-MATE 22-20 187 F TAB TPBR	 TE Part # 1217032-1 MAG-MATE W/118 TAB 33-31 TPBR	 TE Part # 1217051-1 TAB, MAG-MATE LH 31-28 TPBR	 TE Part # 1217052-1 TAB, MAG-MATE RH 31-28 TPBR
 TE Part # 1217666-1 TAB,187 FASTON,MAG-MATE SLM LN	 TE Part # 1217870-1 TAB,250 FASTON,MAG-MATE	 TE Part # 1217993-1 TAB,187X032 FASTON,MAG-MATE	 TE Part # 1217994-1 TAB,187X032 FASTON,MAG-MATE



TE Part # 1742409-1
PIN,.090 DIAM,500 SERIES,MAG-MA

TE Part # 62511-2
MAG-MATE 22-20 187 F TAB TPBR

TE Part # 2178984-1
.187 X .032 FASTON TAB, 300 SRS
MAG-MATE

Also in the Series | **MAG-MATE**

Insertion & Extraction Tools(6)

Magnet Wire Terminals(337)

PCB Terminals(1)

Customers Also Bought

TE Part #917765-1
2.5 SIGNAL D/LOCK TAB CONT. M

TE Part #1544317-1
PC 2V 8MM WP NG1 N

TE Part #926882-1
UMNL SOK 20-14 PTPBR

TE Part #172074-1
187 HSG. PLMKII REC. NAT

TE Part #3-794037-1
MINI AMP-IN PTP PHBZ 10AWG

TE Part #1742543-1
250 FASTON,FLAG,REC.,18-12 AWG,
NPST

TE Part #936604-1
PL 250 FLAG REC 18-14AWG 0.40X28.
0 PTPBR

TE Part #3-640440-6
06P MTA100 CONN ASSY 22AWG RED

TE Part #2321928-1
TAB TERMINAL SDL2.5 WATERPROOF

TE Part #85091-1
250 HSG. PL MKII FLAG REC. 10mm
2P NAT



Documents

Product Drawings

TAB,187FAST 300SERIES MAG-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217128-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217128-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217128-1_E.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