



MAG-MATE

TE Internal #: 1217497-1

Tab, Mating Tab Width 4.75 mm [.02 in], Size 1, .36 – .51 mm

Magnet Wire, 27 – 24 AWG Magnet 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 [.02 in]**
Mating Tab Thickness: **.5 mm [.02 in]**
Compatible With Cavity Size: **Size 1**
Magnet Wire Size: **27 – 24 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 1
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.75 mm[.02 in]
Mating Tab Thickness	.5 mm[.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Dimensions

Terminal Height	19.31 mm[.76 in]
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Magnet Wire Size	.36 – .51 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	19.31 mm[.76 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	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>

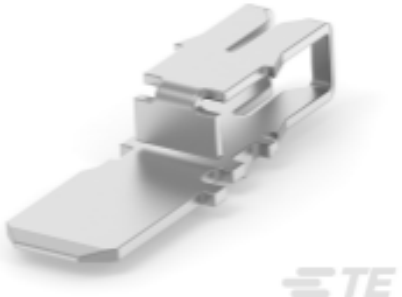
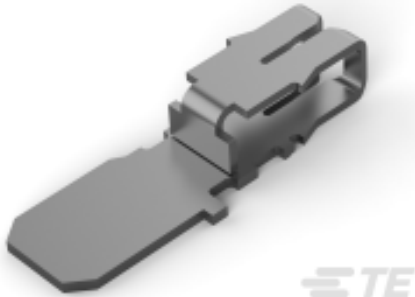
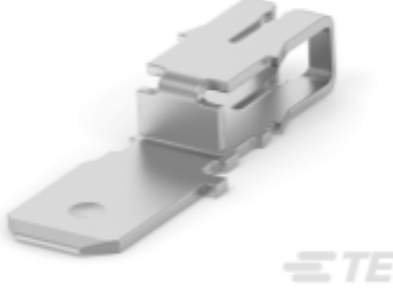
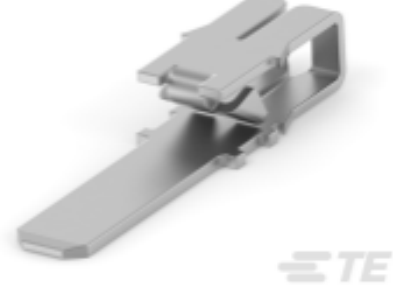
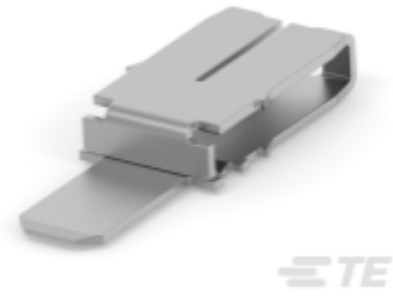
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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



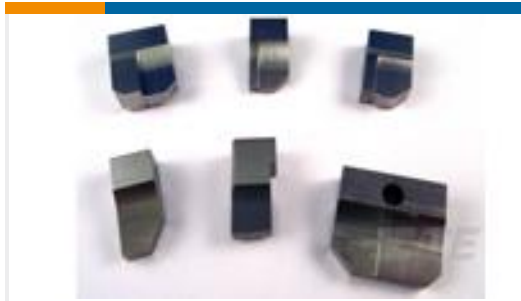
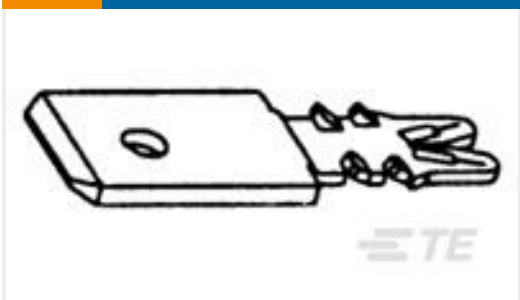
 TE Part # 1217004-1 MAG-MATE 23-20 187 FST/TB TPBR	 TE Part # 1217243-1 TAB, 187 FASTON, MAG-MATE	 TE Part # 1217497-2 TAB,187 SERIES,MAG-MATE,SL	 TE Part # 1742857-1 TAB, PLAIN, 187 MAG-MATE SLIM
 TE Part # 1742858-1 TAB, PLAIN, 187 MAG-MATE SLIM	 TE Part # 63675-4 POST 024X020 MINI MAG MATE	 TE Part # 1-62511-1 MAG-MATE 22-20 187 F TAB TPBR	 TE Part # 1217210-1 TAB POKE-IN 118 COMB 300 MM
 TE Part # 1217210-2 TAB,POKE-IN/.118 TAB,COMBO,MAG	 TE Part # 1217211-1 TAB POKE-IN 118 COMB 300 MM	 TE Part # 1217211-2 POKEIN/TAB,COMBO,MAG-MATE	 TE Part # 1217491-1 TAB FASTON 187 500 BOX MAGMATE
 TE Part # 1217931-1 TAB,187 FASTON, MAG-MATE	 TE Part # 63694-1 MAG-MATE CONN BUSS BAR		

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

 Insertion & Extraction Tools(6)	 Magnet Wire Terminals(337)	 PCB Terminals(1)
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Customers Also Bought



 TE Part #185740-2 12pos MQS .63 header 90deg	 TE Part #1-1338690-2 ANVIL, COMBINATION .055	 TE Part #1-456402-7 CRIMPER WIRE .055 F	 TE Part #1601261-2 TAB, OFFSET, 4.52x0.51, STD, SMZ
 TE Part #2-1601203-2 .187 X .020 OFFSET TAB STD SIA	 TE Part #1745044-1 24 POS MALE CONN. SEALED FOR TAB 1.5/2.8	 TE Part #1745043-2 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part #2138020-1

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217497-1_L1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217497-1_L1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217497-1_L1.3d_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