

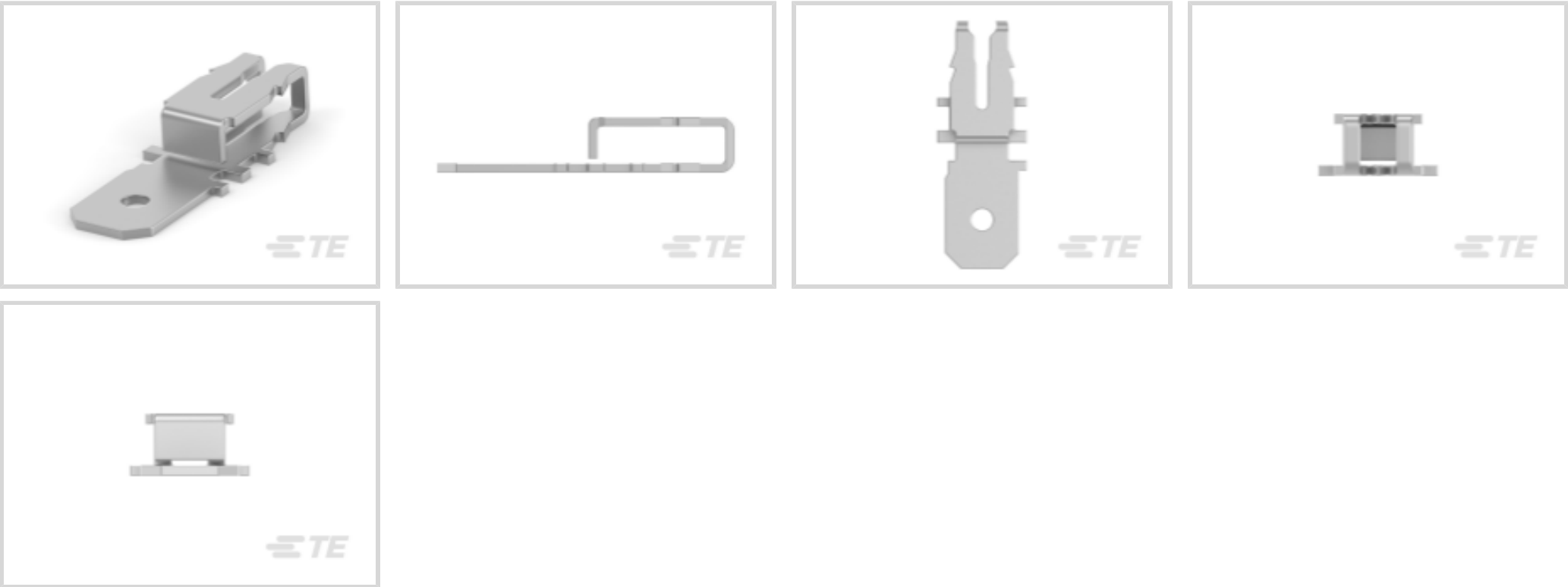


MAG-MATE

TE Internal #: 1742160-1
Tab, 4.75 mm [.187 in] Tab Width, .81 – 1.15 mm Magnet Wire, 19 – 18 AWG Magnet Wire, Insulation Displacement (IDC), 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: **.51 mm [.02 in]**
Compatible With Cavity Size: **Size 2**
Magnet Wire Size: **19 – 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 2
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.75 mm[.187 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)
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Mechanical Attachment

Mating Retention Type	Barbs, Dimple
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Dimensions

Terminal Height	7.62 mm[.3 in]
Magnet Wire Size	.81 – 1.15 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	26.45 mm[1.04 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 Quantity	12000
Packaging Method	Reel, 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: 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 # 1742242-1 TAB,187 FASTON,LP,MAG-MATE	 TE Part # 63978-1 TERM,SPR GRD 125 TAB MAG-MATE	 TE Part # 63255-1 MAG-MATE 187FAST TAB 0198TPBR	 TE Part # 1-62511-1 MAG-MATE 22-20 187 F TAB TPBR
 TE Part # 2238087-1 MAG-MATE TAB 34-33 CU / 33-31 AL TPBR	 TE Part # 63775-1 TAB, MAG-MATE POKE-IN TPBR	 TE Part # 1742614-1 TERM,F-CRIMP,MAG-MATE	 TE Part # 2238088-1 MAG-MATE TAB 33-31 CU / 31-29 AL TPBR
 TE Part # 63273-1 MAG-MATE 187 FAST TAB 020TPBR	 TE Part # 62904-1 MAG-MATE 187 TAB 020 TPBR	 TE Part # 1217529-1 MINI MAG-MATE 187 TAB	 TE Part # 62511-2 MAG-MATE 22-20 187 F TAB TPBR
 TE Part # 2238089-1 MAG-MATE TAB 31-28 CU / 29-27 AL TPBR	 TE Part # 63665-1 MAG-MATE 187 FAST TAB 020TPBR	 TE Part # 63807-1 TERM, TAB 125 MAG-MATE TPBR	 TE Part # 1217492-1 TAB FASTON 187 500 BOX MAGMATE





TE Part # 1742633-1
TAB,.063 X .032,300 SERIES,MAG



TE Part # 1742159-2
TERM,SPLICE,MAG-MATE



TE Part # 62511-1
MAG-MATE 22-20 187 F TAB TPBR

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



Insertion & Extraction Tools(6)

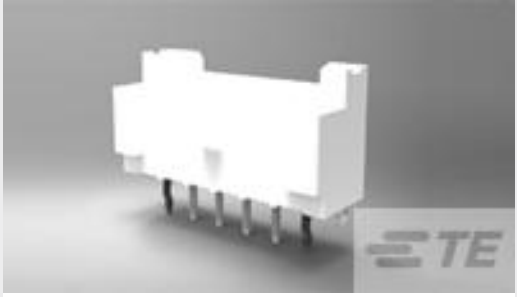


Magnet Wire Terminals(329)



PCB Terminals(1)

Customers Also Bought



TE Part #1-1744439-8
EP2.5 Shrd HDR ASSY 18P VERT, GW



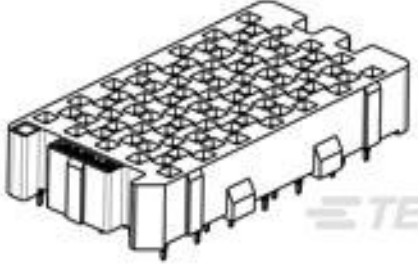
TE Part #2170746-2
CAGE ASSY, 1X4, QSFP28, SPRING, LP



TE Part #T3110009902-007
HMN-DM



TE Part #2102502-4
FORTIS LRM, GROUNDING POST, PASSIVATED



TE Part #5-2143411-1
STRADA MESA,RC,HF,024,000,00,SN, N,NA



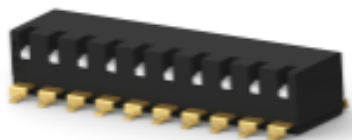
TE Part #8-1879011-5
SMF2 680K 5%



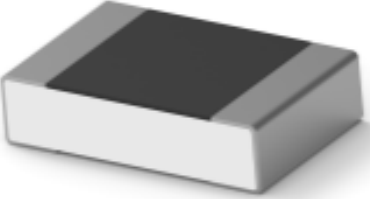
TE Part #2842154-5
10P,2MM,BRK HDR,DRRT,2.8,0.1AU, TB W/CAP



TE Part #3-1469388-7
ATCA GUIDE MODULE VERT LONG PIN



TE Part #2-2319764-0
E STACK PIANO 10P G SHORT TUBE PD OFF



TE Part #4-2176379-5
RQ 0805 309R 0.1% 10PPM 5K RL



Documents

Product Drawings

TAB,187 FASTON,MAG-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1742160-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1742160-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1742160-1_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