

MAG-MATE

TE Internal #: 1217302-1

Solder Post, 1.07 mm [.042 in] Tab Width, .18 – .27 mm Magnet

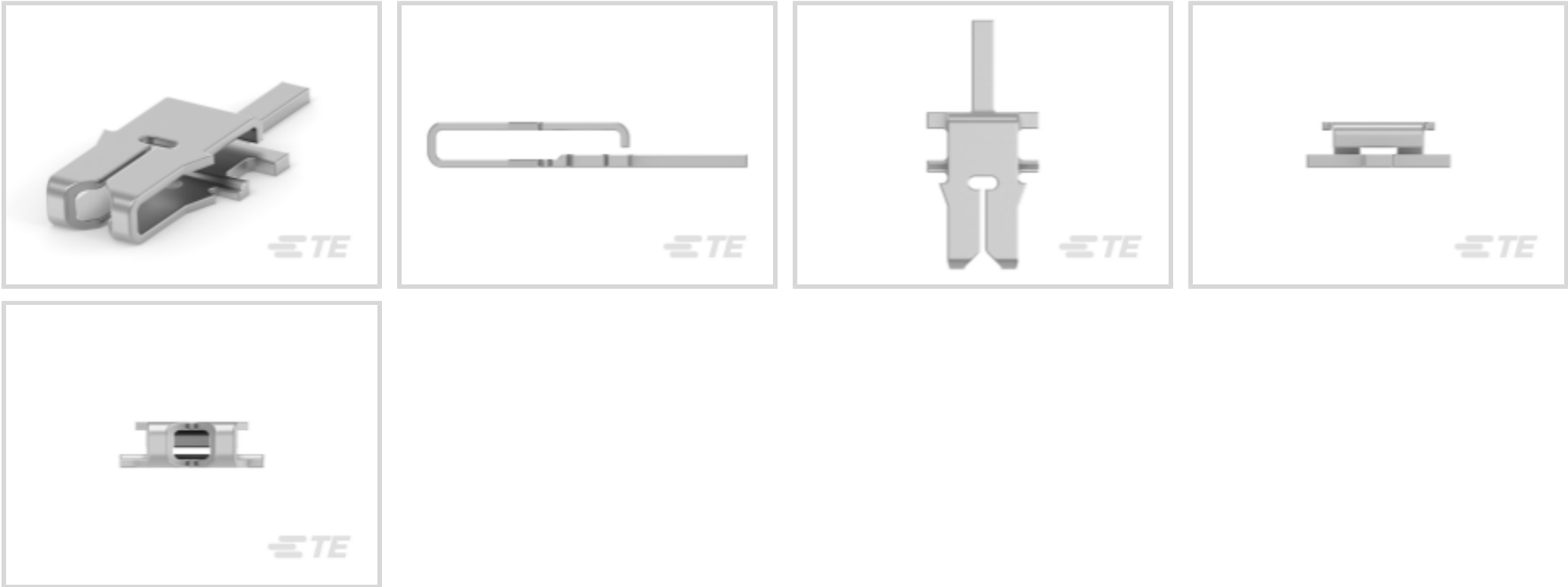
Wire, 33 – 31 AWG Magnet Wire, MAG-MATE, Magnet Wire

Terminals

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **1.07 mm [.042 in]**

Mating Tab Thickness: **.5 mm [.02 in]**

Compatible With Cavity Size: **Size 2**

Magnet Wire Size: **33 – 31 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
------------------------------------	--------------------

Body Features

Compatible With Cavity Size	Size 2
-----------------------------	--------

Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	1.07 mm[.042 in]
Mating Tab Thickness	.5 mm[.02 in]
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

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

Dimensions

--



Terminal Height	7.62 mm[.3 in]
Magnet Wire Size	.18 – .27 mm
Stock Thickness (Magnet Wire Side)	.3 mm[.012 in]
Product Length	12.07 mm[.475 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
------------------------------------	--------

Packaging Features

Packaging Quantity	11000
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 2022 (223) 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	Pin-in-Paste capable to 260°C

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 # 63255-1 MAG-MATE 187FAST TAB 0198TPBR	 TE Part # 62958-2 MAG-MATE POST 29-26 0126 TPBR	 TE Part # 62439-1 MAG-MATE POST 22-24 013 TPBR	 TE Part # 62430-1 MAG-MATE POST 28-30 013 TPBR
 TE Part # 63661-1 MAG-MATE POST 19-17 016TPCUBR	 TE Part # 63531-1 MAG-MATE F CRMP 31-33 0126TPBR	 TE Part # 62438-1 MAG-MATE POST 25-27 013 TPBR	 TE Part # 63235-1 MAG-MATE F CRMP 31-33 0126TPBR
 TE Part # 62874-1 MAG-MATE POST 27-30 013 TPBR	 TE Part # 62512-1 MAG-MATE 30-27 187 F TAB TPBR		

Also in the Series | MAG-MATE

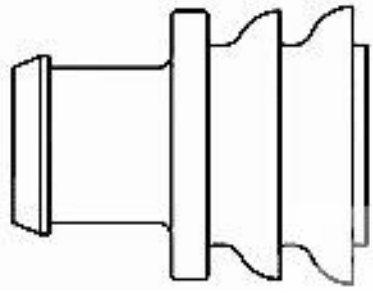
Insertion & Extraction Tools(6)	Magnet Wire Terminals(329)	PCB Terminals(1)

Customers Also Bought





TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N

Documents

Product Drawings
SOLDER TAB .041 MAG-MATE

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1217302-1_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1217302-1_D.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1217302-1_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