

MAG-MATE

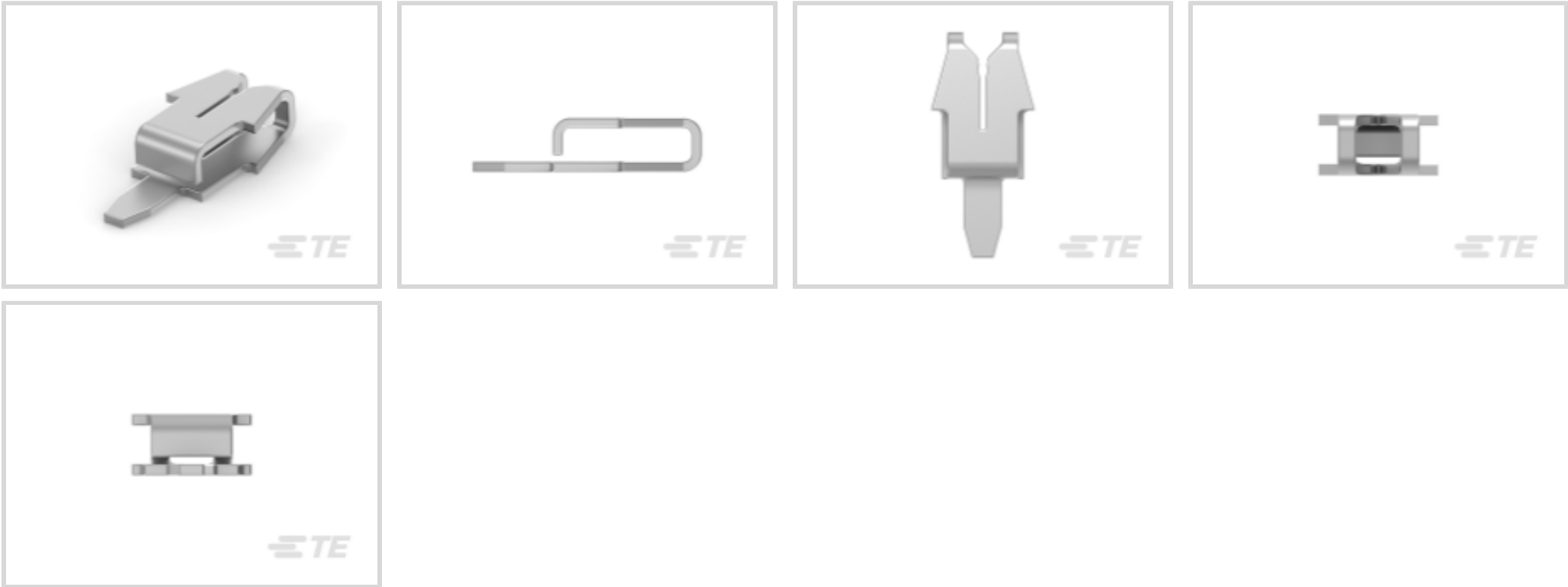
TE Internal #: 63818-1

Solder Post Magnet Wire Terminal, 30 – 28 AWG, .25 – .32 mm, Insulation Displacement (IDC), 1.27 mm [.05 in] Tab Width, MAG-MATE

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Solder Post**
Mating Tab Width: **1.27 mm [.05 in]**
Mating Tab Thickness: **.33 mm [.013 in]**
Compatible With Cavity Size: **Size 1**
Aluminum Wire Size: **.32 – .45 mm**

Features

Product Type Features

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

Body Features

Compatible With Cavity Size	Size 1
-----------------------------	--------

Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	1.27 mm[.05 in]
Mating Tab Thickness	.33 mm[.013 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	4.75 mm[.187 in]
Aluminum Wire Size	28 – 25 AWG
Magnet Wire Size	.25 – .32 mm
Stock Thickness (Magnet Wire Side)	.33 mm[.013 in]
Product Length	7.3 mm[.287 in]

Usage Conditions

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

Operation/Application

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

Identification Marking

Identification Number	6
-----------------------	---

Packaging Features

Packaging Quantity	20000
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

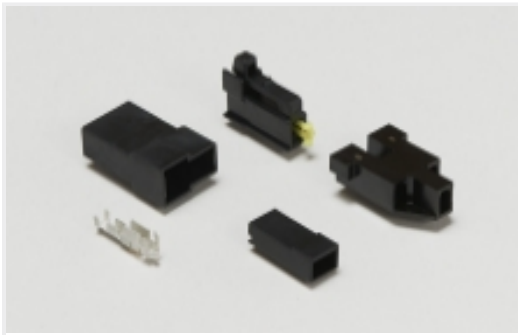
Compatible Parts

 TE Part # 62430-1 MAG-MATE POST 28-30 013 TPBR	 TE Part # 160809-2 MAG-MATE WITH TAB	 TE Part # 62439-1 MAG-MATE POST 22-24 013 TPBR	 TE Part # 63447-1 MAG-MATE 187 FAST TAB 0198TPBR
 TE Part # 1217405-1 TAB, MAG-MATE 071 X 025, 187	 TE Part # 1742940-1 MAG-MATE POST 29-26 0126 TPBR	 TE Part # 62438-1 MAG-MATE POST 25-27 013 TPBR	 TE Part # 160810-2 MAG MATE WITH TAB
 TE Part # 160897-2 MAG MATE WITH TAB	 TE Part # 62938-1 MAG-MATE POST 33-31 010 TPBR	 TE Part # 62608-3 TERM MAG-MATE F CRIMP 0126TPBR	 TE Part # 62874-1 MAG-MATE POST 27-30 013 TPBR
 TE Part # 63036-1 MAG-MATE W/BBL 30-28 013TPBR	 TE Part # 63819-1 TERM MAG-MATE POST 24-22TPCUBR	 TE Part # 62608-1 MAG-MATE W/BBL 30-28 013TPBR	 TE Part # 63717-2 TAB,250 MAG-MATE SLIM LN 30-27

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



Insertion & Extraction Tools(3)

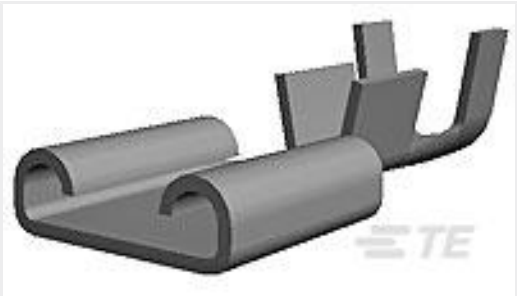


Magnet Wire Terminals(327)



PCB Terminals(1)

Customers Also Bought



TE Part #5-160506-8
250 FASTON REC 20-16 AWG TPBZ



TE Part #1-188685-2
STD TIMER PCB CONTACT



TE Part #925603-2
FF 250 REC 0.5-1.5MM2 TPPB LP



TE Part #7-1393224-9
RY531012



TE Part #6-1416200-6
V23061-D2005-A801



TE Part #1419108-6
RT214730



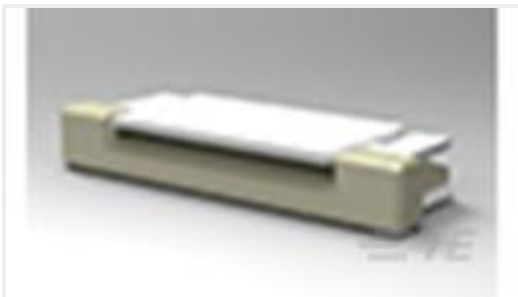
TE Part #5-1419111-8
PT271730



TE Part #4-2176330-4
CRGP 2010 39K 1%



TE Part #4-2176330-8
CRGP 2010 82K 1%



TE Part #4-1734839-0
FPC CONN. 0.5MM PITCH T/C,40P

Documents

Product Drawings

TERM MAG-MATE POST 30-28TPCUBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63818-1_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_63818-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63818-1_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English