

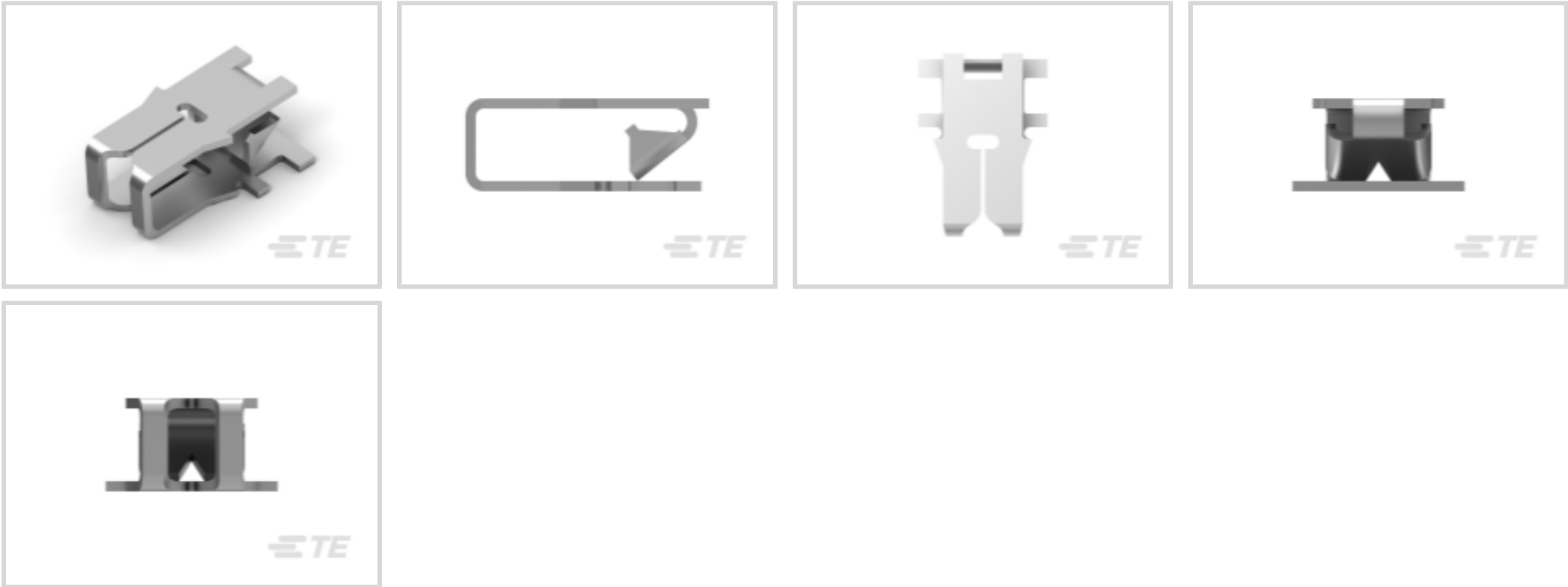


MAG-MATE

TE Internal #: 1-62429-2
Poke-In, 3.4 mm [.135 in] Tab Width, 28 – 25 AWG Aluminum Wire, .32 – .45 mm Aluminum Wire, 20 – 18 AWG Lead Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Mating Tab Width: **3.4 mm [.135 in]**
Mating Tab Thickness: **.5 mm [.02 in]**
Compatible With Cavity Size: **Size 2**
Aluminum Wire Size: **.32 – .45 mm**

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

Crimp Type	IDC
Magnet Wire Terminal Type	Poke-In
Mating Tab Width	3.4 mm[.135 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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Mechanical Attachment

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Mating Retention Type	Locking
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Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	28 – 25 AWG
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.25 – .36 mm
Stock Thickness (Magnet Wire Side)	.3 mm[.012 in]
Product Length	3.43 mm[.135 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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Identification Marking

Identification Number	6
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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>

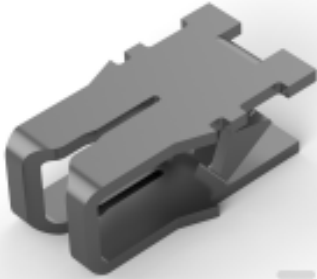
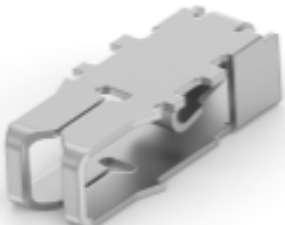
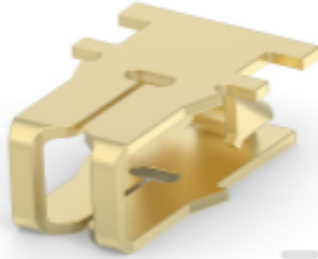
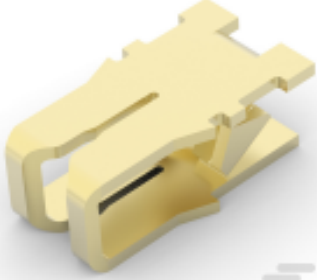
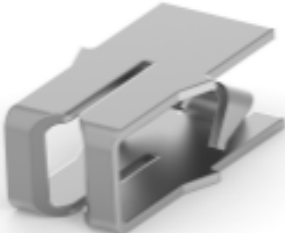
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 reviewed 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>

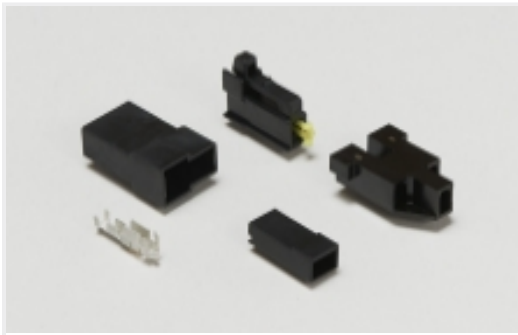
Compatible Parts

 TE Part # 62935-7 TERM,POKE-IN,MAG-MATE	 TE Part # 964108-2 MAG-MATE KONTAKT	 TE Part # 1-1534685-1 MAG MATE .300 SOLDER POST	 TE Part # 62429-4 MAG-MATE TERM 27-30 013BR
 TE Part # 62935-2 MAG MATE TERM 23-26 .016BR.	 TE Part # 62431-1 MAG-MATE TERM 31-33 010 TPBR	 TE Part # 62935-3 MAG-MATE TERM 27-23 016TPBR	 TE Part # 62429-2 MAG-MATE TERM 27-30 013TPBR
 TE Part # 62526-1 MAG-MATE TERM 27-30 013 TPBR	 TE Part # 63590-2 MAG-MATE LEAF CONTACT 0126TPBR	 TE Part # 62429-1 MAG-MATE TERM 27-30 013TPBR	 TE Part # 62935-1 MAG-MATE TERM 27-23 016 TPBR

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(329)



PCB Terminals(1)

Customers Also Bought



TE Part #293011-1
5 POS. FASTIN-FASTON CONN. TAB HOUSING R



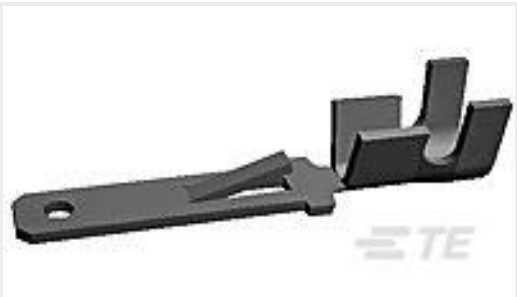
TE Part #1217071-1
CONTACT, BLADE 125 20-16 AWG TPBR



TE Part #1971784-2
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



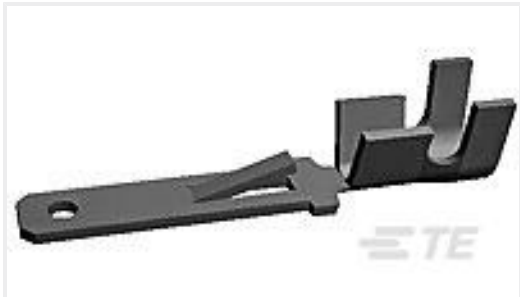
TE Part #1241857-5
5 POS FASTIN/ON HOUSING PANEL MOUNT



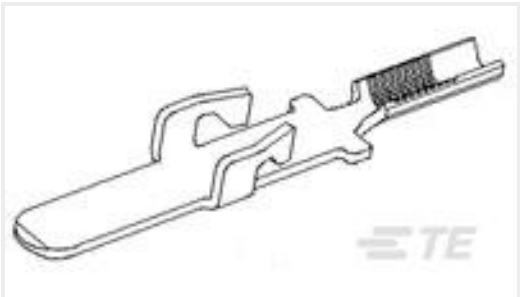
TE Part #62553-3
FF 250 TAB 22-18AWG TPBR



TE Part #1-2232263-3
PTL 1X4 CAP PANEL MT HOT WIRE KEYA BLK



TE Part #293041-2
FF 250 TAB 0.35-1.0MM2 TPBR



TE Part #1217073-1
CONT AMVAR 125 BLADE 020 TPBR



TE Part #42037-1
RING TERMINAL 22-18 AWG TPBR



TE Part #2-1971777-4
PTL TPA HWI 1X4 NATURAL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-62429-2_CD.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-62429-2_CD.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_1-62429-2_CD.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