

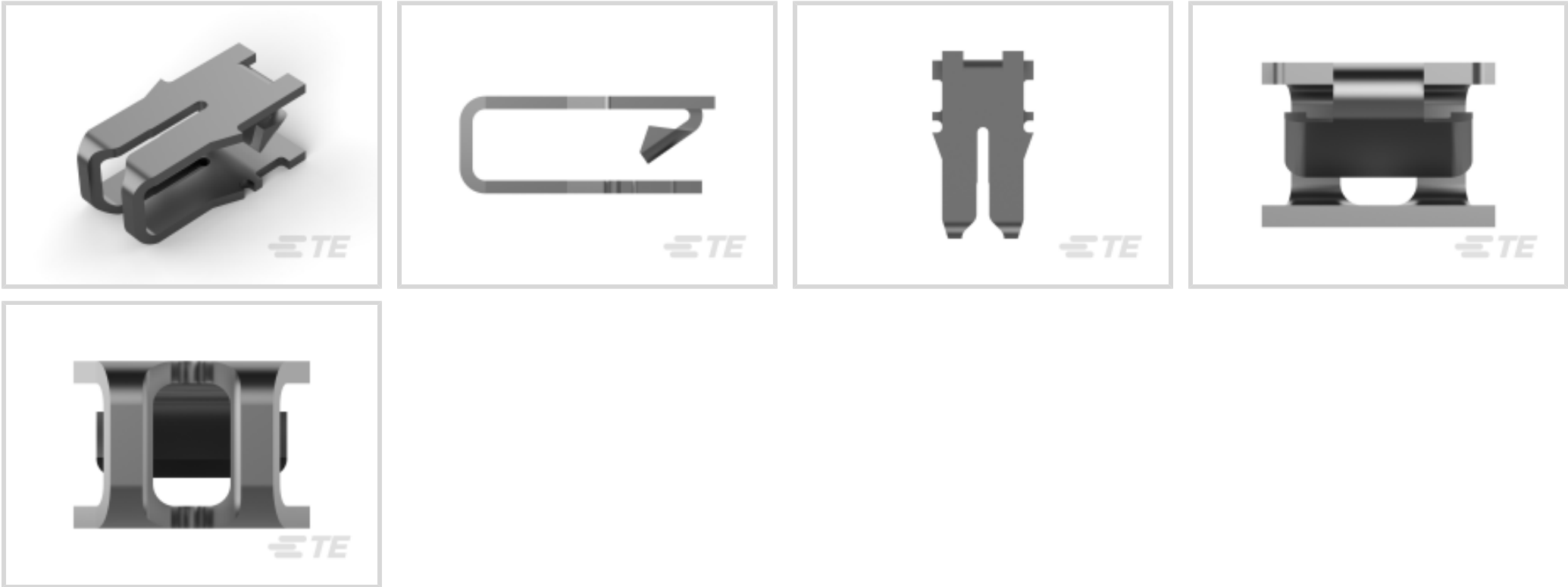


MAG-MATE

TE Internal #: 1217824-1
Poke-In, 20 – 18 AWG Lead Wire, .5 – .8 mm² Lead Wire, .64 – .81 mm Magnet Wire, 22 – 20 AWG Magnet Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Lead Wire Size: **20 – 18 AWG**
Magnet Wire Size: **.64 – .81 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Contact Features

Magnet Wire Terminal Type	Poke-In
Terminal Plating Material	Tin
Terminal Orientation	Twisted

Termination Features

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

Terminal Height	7.62 mm[.3 in]
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	7.87 mm[.3 in]

Usage Conditions

Insulation Option	Uninsulated
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Operating Temperature Range

-65 – 150 °C[-85 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Aluminum, 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: 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

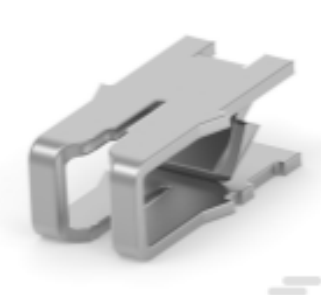
Product Compliance Disclaimer

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>

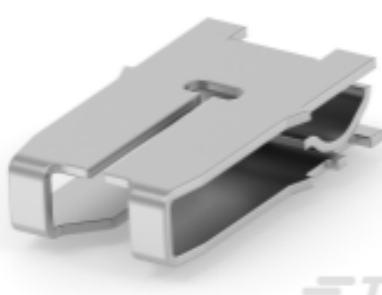
Compatible Parts



TE Part # 1217026-1
MAG-MATE TERM 31-32 010 TPBR



TE Part # 1217757-1
TERM,POKE-IN,LP, MAG-MATE



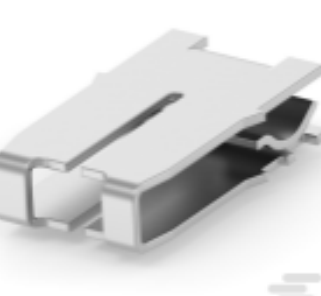
TE Part # 1217357-1
MAG-MATE TERM 21-19 0157 TPNBR



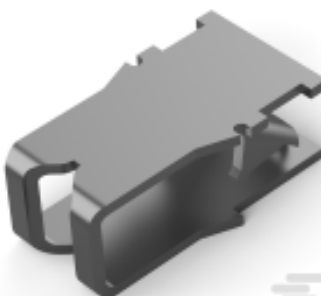
TE Part # 1217689-1
SPECIAL LEAF CONTACT,300 SERIE



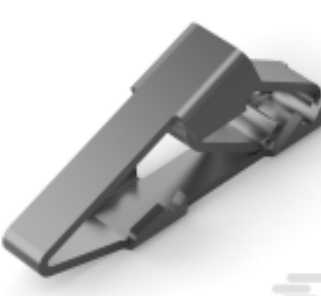
TE Part # 1217234-1
MAG-MATE TERM 28-31 013TPBR



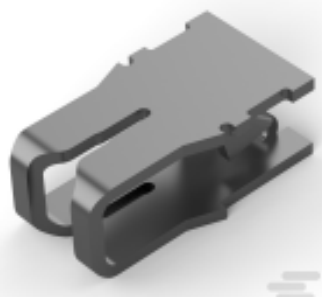
TE Part # 1217068-1
MAG-MATE TERMINAL 19-17 TPBR



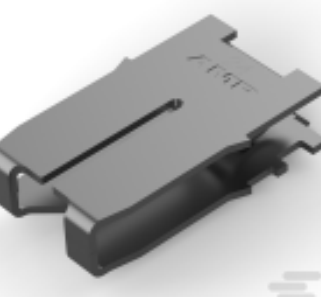
TE Part # 1217942-1
TERMINAL,POKE-IN,MAG-MATE



TE Part # 1718165-1
MINI MAG MATE CONTACT (LEAF SPRING)



TE Part # 62524-1
MAG-MATE TERM 20-22 016 TPBR



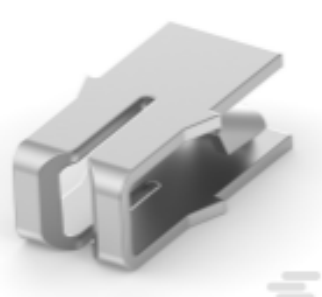
TE Part # 1217356-1
MAG-MATE TERM 19-17 0157 TPNBR



TE Part # 1217358-1
MAG-MATE TERM 23-21 0157 TPNBR



TE Part # 63754-1
TERM,MAG-MATE 27-23 016TPBR



TE Part # 62841-1
MAG-MATE TERM 20-22 016 TPBR



TE Part # 63885-1
TERM MAG-MATE 27-30 013TPBR



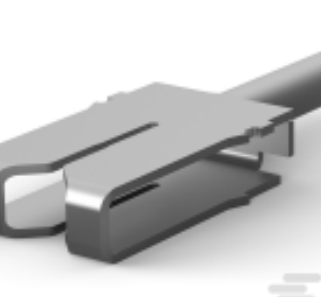
TE Part # 63975-1
MAG-MATE TRI SLOT 016 TPBR



TE Part # 1217082-1
TERM MAG-MATE 25-22 016 TPPHBZ



TE Part # 1217853-1
TERM,SPL,TRI-SLOT,MAG-MATE



TE Part # 1742409-1
PIN,.090 DIAM,500 SERIES,MAG-MA



TE Part # 1217690-1
SPECIAL LEAF CONTACT,300 SERIE



TE Part # 1217688-1
SPECIAL LEAF CONTACT,300 SERIE

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(329)



PCB Terminals(1)

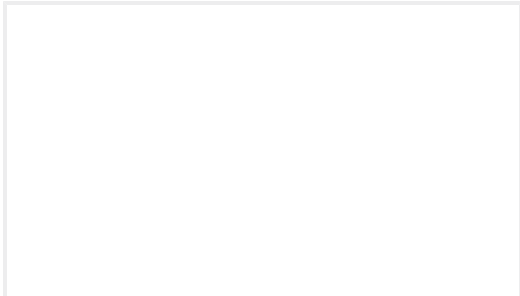
Customers Also Bought



TE Part #350767-1
03P UMNL CAP HSG V0



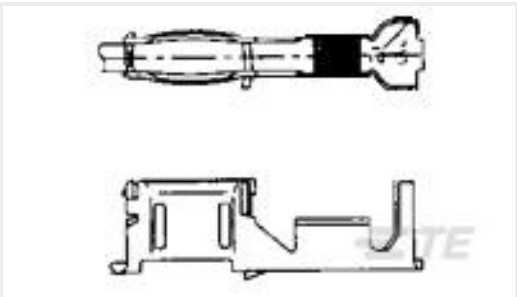
TE Part #7344212002
RNF-3000-18/6-X-STK



TE Part #7-2377775-1
GI2.5 TPA,7P



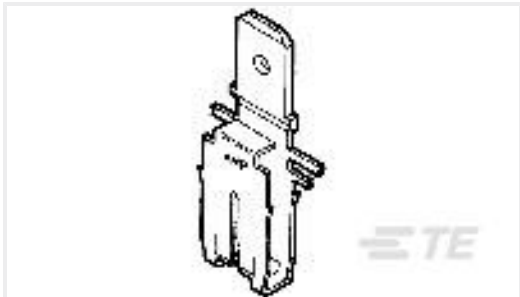
TE Part #63664-1
MAG-MATE 27-23 187 FTAB TPBR



TE Part #316292-1
3.2 CLUSTER REC L-TYPE



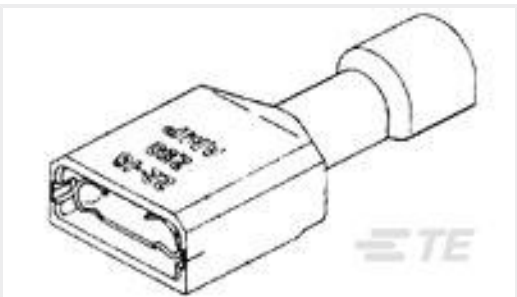
TE Part #926895-3
UNIVERSAL M-N-L SOCKET



TE Part #63816-1
TAB, MAG-MATE 250F TPBR



TE Part #1827587-2
DYNAMIC D1000 REC CONT M AU 0.38um L/P



TE Part #2-520405-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



TE Part #2232553-1
250 PL EX REC. 18-14AWG PTBR

Documents

Product Drawings
TERM,POKE-IN,MAG-MATE
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1217824-1_C_c-1217824-1-c.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1217824-1_C_c-1217824-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1217824-1_C_c-1217824-1-c.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English