

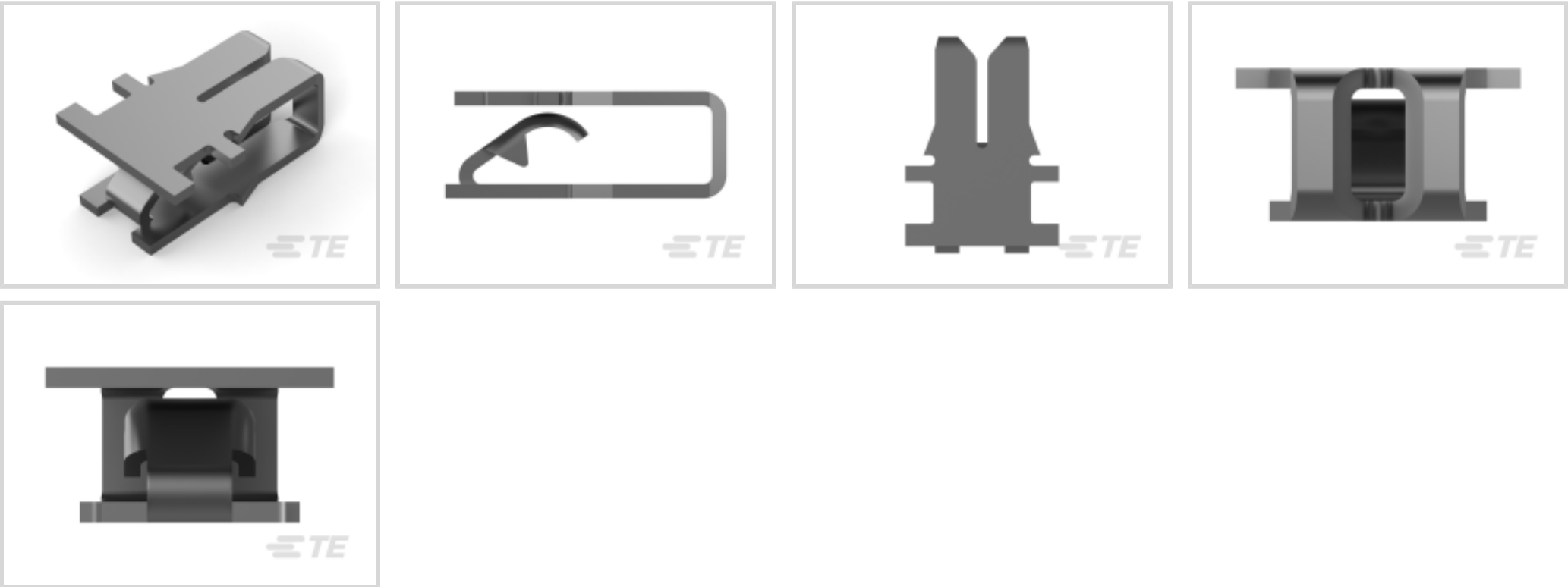


MAG-MATE

TE Internal #: 1742483-1
Poke-In, .54 – .64 mm Magnet Wire, 23.5 – 22 AWG Magnet Wire,
Insulation Displacement (IDC), Tin Plating, MAG-MATE, Magnet
Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Compatible With Cavity Size: **Size 2**
Magnet Wire Size: **.54 – .64 mm**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

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	Poke-In
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Twisted

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Barbs
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Dimensions

Terminal Height	7.62 mm[.3 in]
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Magnet Wire Size	.54 – .64 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	20.6 mm[.811 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	1000
Packaging Method	Bag

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 # 63044-1 MAG-MATE TERM 27-23 016 TPBR	 TE Part # 62524-1 MAG-MATE TERM 20-22 016 TPBR	 TE Part # 1217358-1 MAG-MATE TERM 23-21 0157 TPNBR	 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 # 62842-1 MAG-MATE TERM 23-26 016 TPBR	 TE Part # 1217688-1 SPECIAL LEAF CONTACT,300 SERIE
 TE Part # 1217690-1 SPECIAL LEAF CONTACT,300 SERIE	 TE Part # 1217853-1 TERM,SPL,TRI-SLOT,MAG-MATE	 TE Part # 1217757-1 TERM,POKE-IN,LP, MAG-MATE	 TE Part # 1217689-1 SPECIAL LEAF CONTACT,300 SERIE

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

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



TE Part #1-1393763-4
V23100V4024A

TE Part #61764-1
RING CRIMP 20-16 AWG BR

TE Part #41456
RING TERMINAL 20-16 AWG TPBR

TE Part #2-1601131-2
150-028-014=PIN,1.00DIAFINESMZ

TE Part #1-104482-1
26 SHORT PT RCPT HSG DR .100CL

TE Part #1742941-1
MAG-MATE SLIM LINE POSTED TPBR

TE Part #2-1601121-2
TAB PAIR,1.50X0.81,FINESMZ

TE Part #62157-1
SPLICE AMVAR 600-3000 .020BR

TE Part #104483-4
26 SHORT PT RCPT HSG DR .100CL

TE Part #2-1623732-9
BCHE 7 W 2R7 10%

Documents

Product Drawings
SPEC LEAF,300 SERIES,MAG-MATE,
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1742483-1_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1742483-1_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1742483-1_B.3d_stp.zip
English

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Datasheets & Catalog Pages



Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English