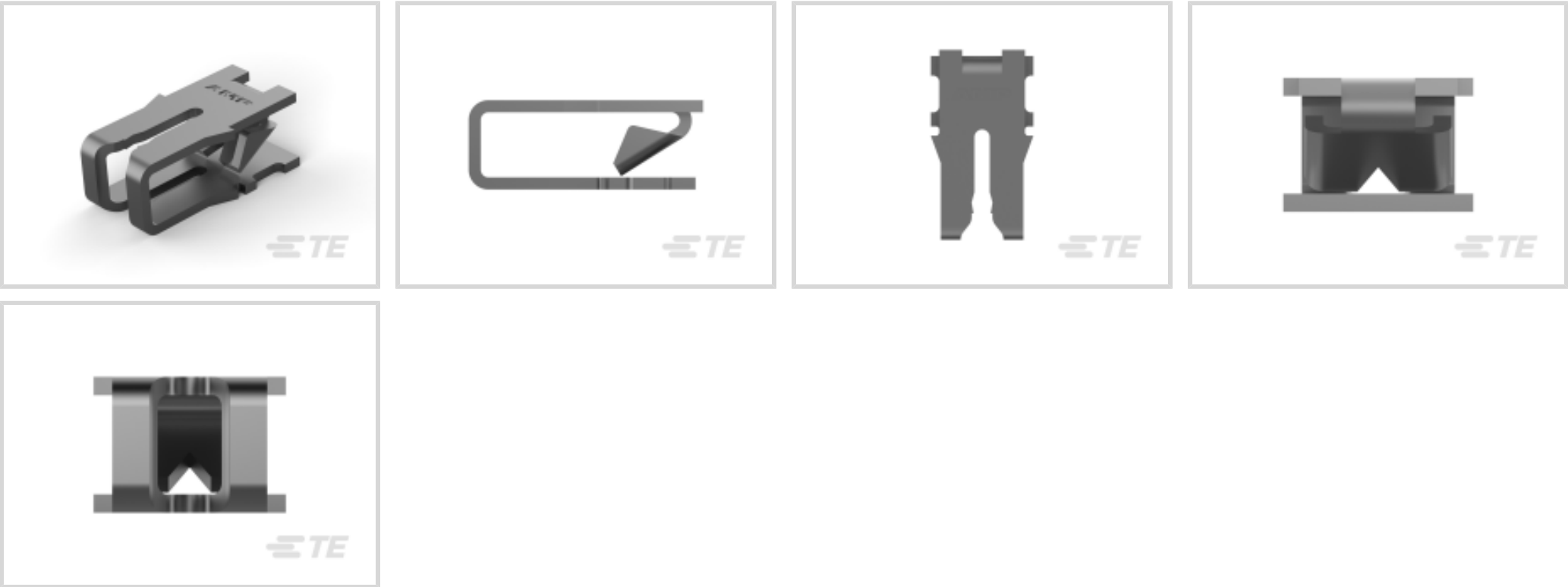




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **18.5 – 16.5 AWG**

Lead Wire Size: **.5 – .9 mm²**

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
Terminal Orientation	Twisted

Termination Features

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

Mating Retention Type	Locking
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Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	18.5 – 16.5 AWG



Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.8 – 1.2 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	7.87 mm[.31 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	24
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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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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	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 # 63591-1 MAG-MATE TERM #20 016TPBR	 TE Part # 63789-1 TERMINAL MAG-MATE POKE-IN TPBR	 TE Part # 63658-5 TERM,POKE-IN,MAG-MATE	 TE Part # 63661-1 MAG-MATE POST 19-17 016TPCUBR
 TE Part # 1217853-1 TERM,SPL,TRI-SLOT,MAG-MATE	 TE Part # 1217973-2 TERM,SPLICE,MAG-MATE	 TE Part # 1217688-1 SPECIAL LEAF CONTACT,300 SERIE	 TE Part # 63658-7 MAG-MATE TERM 25-22 016 TPBR
 TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 1217234-1 MAG-MATE TERM 28-31 013TPBR	 TE Part # 2238281-1 MAG-MATE POKE-IN TAB 020 PTPBR	 TE Part # 63658-1 MAG MATE TERM 25-22 016TPBR
 TE Part # 63662-1 MAG-MATE TERM 33-34 010TPBR	 TE Part # 63861-1 TERM, MAG-MATE 27-24 016TPPHBZ	 TE Part # 63590-1 MAG-MATE LEAF CONTACT 0126TPBR	 TE Part # 737434-2 MAG-MATE POKE-IN TERMINAL 0126TPBR



TE Part # 63658-2
MAG-MATE TERM 25-22 016 TPBR

TE Part # 63658-3
MAG MATE TERM 25-22 016TPBR

TE Part # 63632-1
MAG-MATE TRI SLOT 016TPBR

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

Also in the Series | **MAG-MATE 300**

Magnet Wire Terminals(77)

Customers Also Bought

TE Part #62308-2
AMVAR SPLC 3000-7000 020TPBR

TE Part #63454-1
Cluster Block Recpt Amplivar 1500-4200

TE Part #171370-3
CLUSTER BLOCK HSG PBT

TE Part #353937-1
2.3 CLUSTER REC AMPLIVAR TYPE

TE Part #770007-1
UMNLI II PIN PTPBR

TE Part #1123655-1
2.3 DIA CLUSTER AMPLIVER S TIN

TE Part #1903114-2
DYNAMIC D1000 TAB CONT AU 0.38 um 2L REEL

TE Part #1-1903130-3
DYNAMIC 1200D TAB HSG 6P F/H

TE Part #5-2301996-1
RJ45 JACK INT.MAG. 10/100 1X2 INV.

TE Part #62131-9
CLSTR PIN RCPT



Documents

Product Drawings
MAG-MATE POKE-IN TERM 016TPBR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_62833-1_BF.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_62833-1_BF.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_62833-1_BF.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

Agency Approvals
VDE Certificate
English