

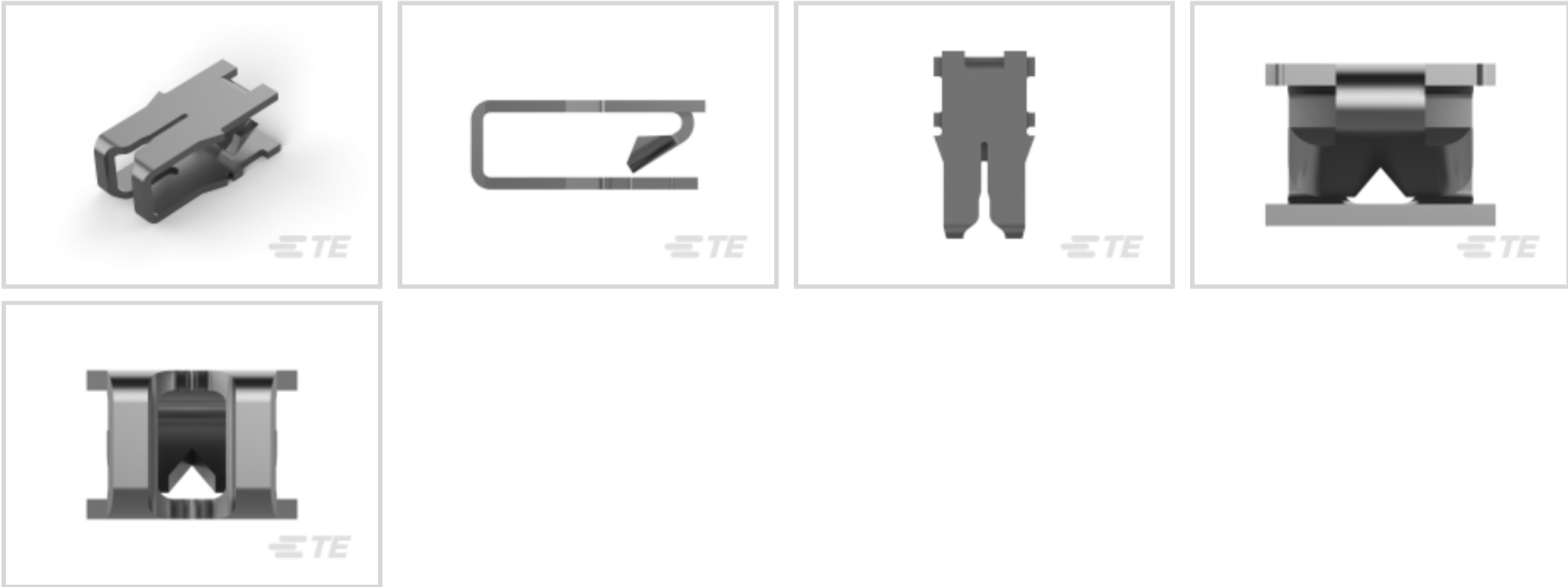
MAG-MATE

TE Internal #: 63789-1
Poke-In, 24 – 22 AWG Aluminum Wire, .51 – .64 mm Aluminum Wire, 20 – 18 AWG Lead Wire, .5 – .8 mm² Lead Wire, 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**
Aluminum Wire Size: **24 – 22 AWG**
Lead Wire Size: **.5 – .8 mm²**

Features

Identification Marking

Identification Number	10
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Usage Conditions

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

Packaging Features

Packaging Quantity	12000
Packaging Method	Reel, Reel/Carton

Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	24 – 22 AWG
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.36 – .57 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	7.87 mm[.31 in]



Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded
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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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Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 63632-1 MAG-MATE TRI SLOT 016TPBR	 TE Part # 63754-1 TERM,MAG-MATE 27-23 016TPBR	 TE Part # 62833-1 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 1217973-2 TERM,SPLICE,MAG-MATE
 TE Part # 62842-1 MAG-MATE TERM 23-26 016 TPBR	 TE Part # 62935-2 MAG MATE TERM 23-26 .016BR.	 TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 62935-7 TERM,POKE-IN,MAG-MATE
 TE Part # 63975-1 MAG-MATE TRI SLOT 016 TPBR	 TE Part # 62935-8 TERM,POKE-IN,MAG-MATE	 TE Part # 63658-1 MAG MATE TERM 25-22 016TPBR	 TE Part # 62935-3 MAG-MATE TERM 27-23 016TPBR
 TE Part # 1217824-1 TERM,POKE-IN,MAG-MATE	 TE Part # 62935-9 MAG-MATE TERM 27-23 016 TPCUNI	 TE Part # 63044-1 MAG-MATE TERM 27-23 016 TPBR	 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 #63623-1
RCPT AMVAR 250 FAST LIF 016BR

TE Part #61148-1
BRUSH HOLDER AMPLIVAR 22-17
AWG PHBZ

TE Part #62040-2
SPLC AMVAR 1500-5000 .020BR

TE Part #9-1879352-9
RR02 5% 3K9 AMMO

TE Part #62061-1
110 FASTON TAB BR

TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

TE Part #4-1971895-4
4P, RAST 5 Tab Header, THV

TE Part #60214-3
187 FASTON REC 20-16 AWG BR

TE Part #9-1971845-6
6P, RAST 5 Tab Header, THV

Documents

Product Drawings

TERMINAL MAG-MATE POKE-IN TPBR

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_63789-1_J_c-63789-1-j.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63789-1_J_c-63789-1-j.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63789-1_J_c-63789-1-j.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