

MAG-MATE

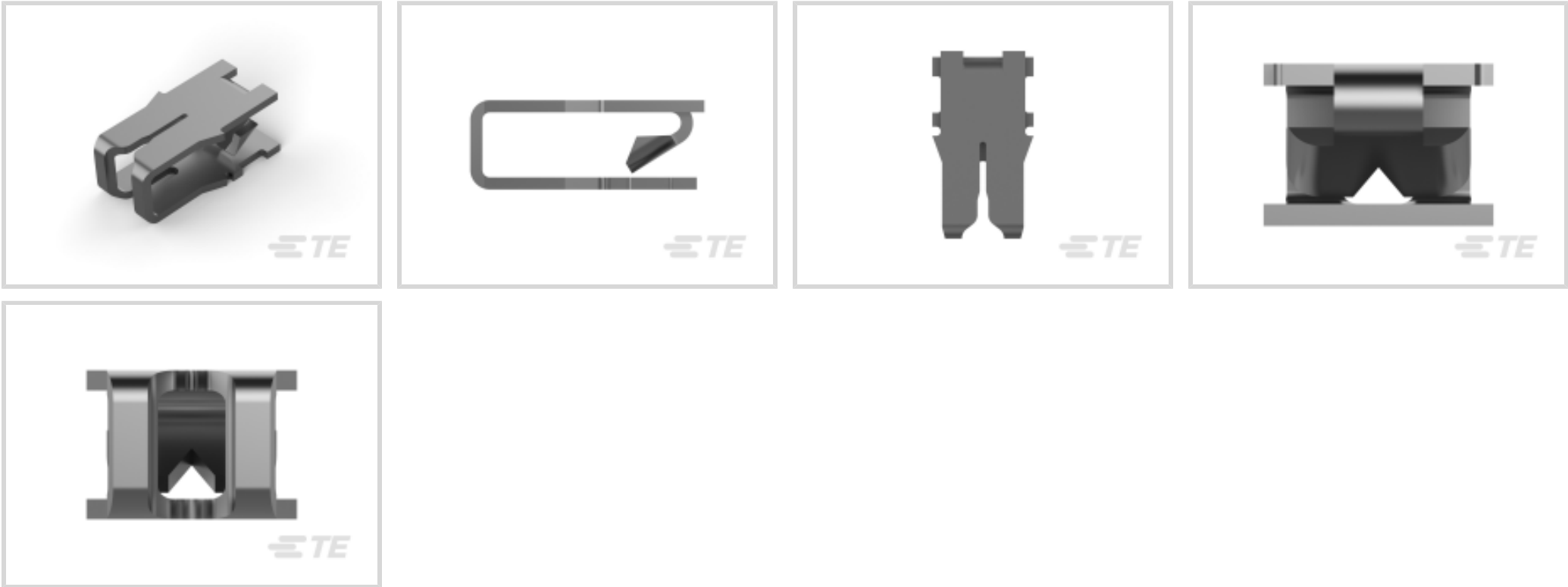
TE Internal #: 63789-1

Magnet Wire Terminals, Poke-In, Size 2, 24 - 22 AWG Aluminum Wire, .51 - .64 mm Aluminum Wire, Lead Wire Size 20 - 18 AWG, MAG-MATE

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



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

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **.51 - .64 mm**

Lead Wire Size: **20 - 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded
------------------------------------	-----------------

Body Features

Compatible With Cavity Size	Size 2
-----------------------------	--------

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)
------------------------------------	-------------------------------

Mechanical Attachment

Mating Retention Type	Locking
-----------------------	---------

Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	.51 - .64 mm



Lead Wire Size	.5 - .8 mm ²
Magnet Wire Size	.36 - .57 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
------------------------------------	------------------

Identification Marking

Identification Number	10
-----------------------	----

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 62833-1 MAG-MATE POKE-IN TERM 016TPBR	 TE Part # 62935-1 MAG-MATE TERM 27-23 016 TPBR	 TE Part # 63658-1 MAG MATE TERM 25-22 016TPBR
 TE Part # 1217824-1 TERM,POKE-IN,MAG-MATE	 TE Part # 62935-3 MAG-MATE TERM 27-23 016TPBR	 TE Part # 1217973-2 TERM,SPLICE,MAG-MATE	 TE Part # 62833-2 MAG-MATE POKE-IN TERM 016TPBR
 TE Part # 62935-9 MAG-MATE TERM 27-23 016 TPCUNI	 TE Part # 62935-7 TERM,POKE-IN,MAG-MATE	 TE Part # 63044-1 MAG-MATE TERM 27-23 016 TPBR	 TE Part # 62935-2 MAG MATE TERM 23-26 .016BR.
 TE Part # 62935-8 TERM,POKE-IN,MAG-MATE	 TE Part # 63754-1 TERM,MAG-MATE 27-23 016TPBR	 TE Part # 63975-1 MAG-MATE TRI SLOT 016 TPBR	 TE Part # 62842-1 MAG-MATE TERM 23-26 016 TPBR

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



Insertion & Extraction Tools(6)

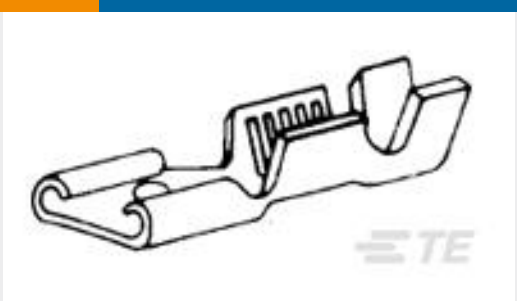


Magnet Wire Terminals(337)



PCB Terminals(1)

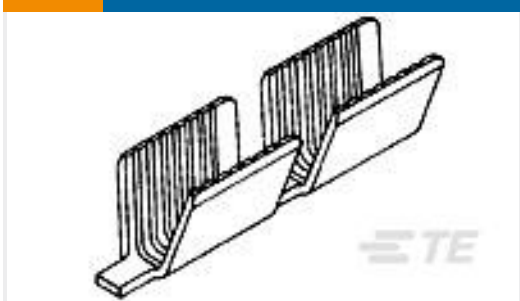
Customers Also Bought



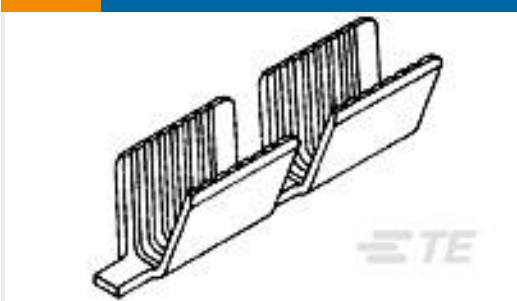
TE Part # 63623-1
RCPT AMVAR 250 FAST LIF 016BR



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



TE Part # 62000-1
SPLICE AMVAR 600-3000 020BR



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



TE Part # 62149-1
BRUSH HOLDER AMPLIVAR 22-
17MAG WIRE PHBZ

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