

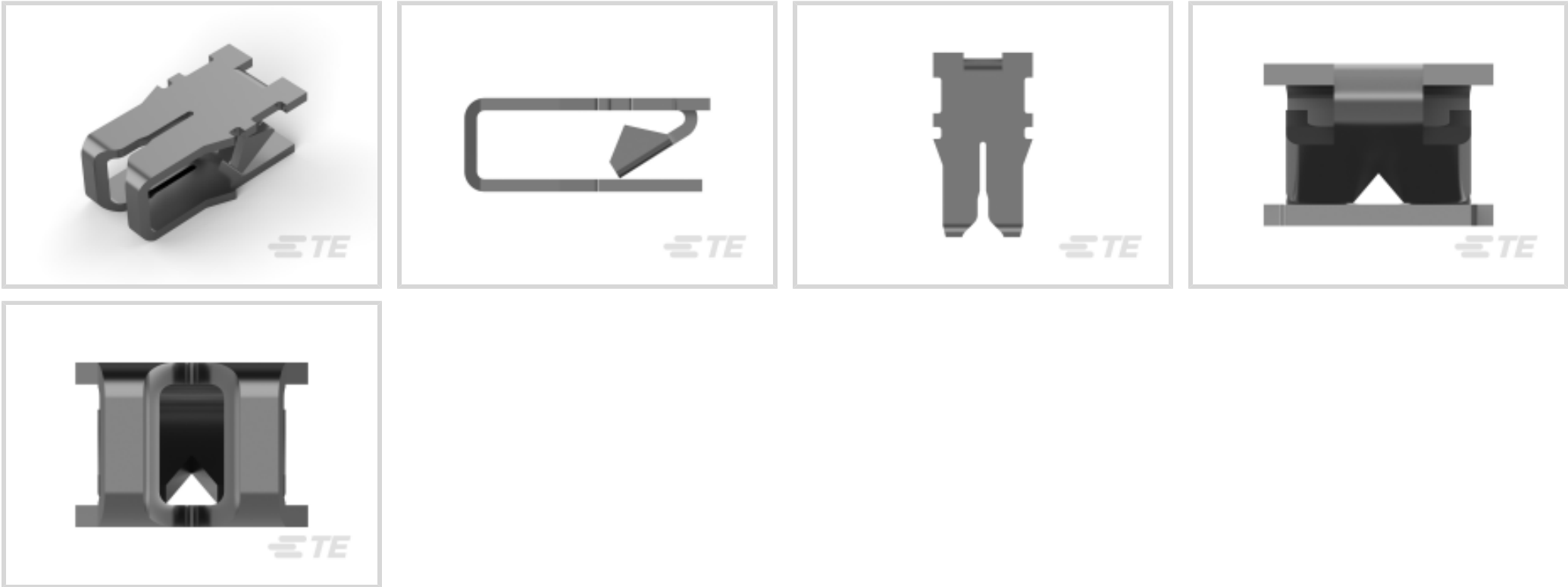
MAG-MATE

TE Internal #: 62935-8  
Poke-In, 24 – 22 AWG Aluminum Wire, .51 – .64 mm Aluminum Wire, 20 – 18 AWG Lead Wire, .5 – .9 mm² Lead Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)



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 – .9 mm²**

Features

Identification Marking

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

Usage Conditions

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

Packaging Features

Packaging Quantity	12000
Packaging Method	Reel/Carton

Dimensions

Terminal Height	7.87 mm[.309 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, Magnet Wire
------------------------------------	--------------------

Body Features

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

Contact Features

Magnet Wire Terminal Type	Poke-In
Terminal Plating Material	Tin

Termination Features

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

Mechanical Attachment

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
------------------------------------	------------------

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 # 62935-2  
MAG MATE TERM 23-26 .016BR.

TE Part # 62935-7  
TERM,POKE-IN,MAG-MATE

TE Part # 63789-1  
TERMINAL MAG-MATE POKE-IN TPBR

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

TE Part # 62420-6  
MAG-MATE TERM 20-22 016 TPBR

TE Part # 62935-3  
MAG-MATE TERM 27-23 016TPBR

TE Part # 62420-9  
MAG-MATE TERM 20-22 016

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 #2-1393243-4  
RTE25524



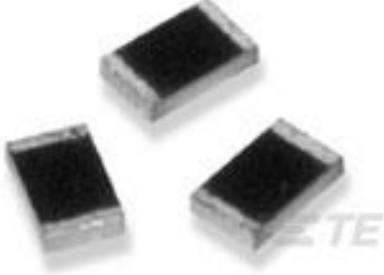
TE Part #1623187-1  
CRG0805 1% 300K




TE Part #1825142-2  
AE101MD1AG04



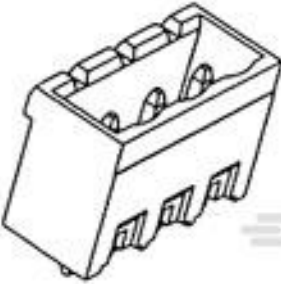
TE Part #7-1393238-2  
RTD14110




TE Part #9-1879256-5  
RP 2B 237R 0.1% 15PPM 1K RL



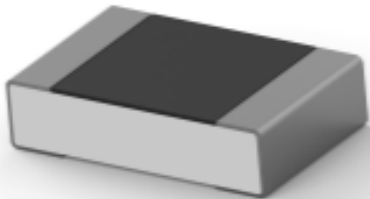
TE Part #964339-1  
MAG MATE KONT. MKII



TE Part #1-1546111-0  
EUROSTYLE TB,HEADER,GREY,10POS



TE Part #5822138-4  
80 ME .050 L/P AU M/L PB-FREE



TE Part #9-2176374-8  
RQ 0805 1K1 0.1% 10PPM 1K RL

Documents

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

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_62935-8\_BT\_c-62935-8-bt.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_62935-8\_BT\_c-62935-8-bt.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_62935-8\_BT\_c-62935-8-bt.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  
UL Report

English