62524-1 ✔ ACTIVE

MAG-MATE

TE Internal #: 62524-1

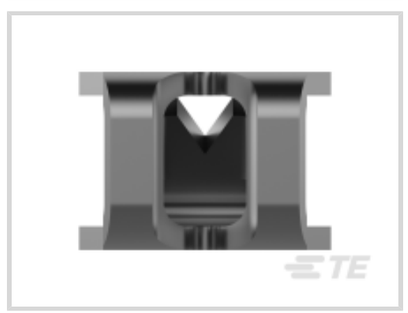
Magnet Wire Terminals, Poke-In, Size 2, .41 – .91 mm Aluminum Wire, 21 – 19 AWG Aluminum Wire, Lead Wire Size 20 – 18 AWG, MAG-MATE

View on TE.com >

Terminals & Splices > Magnet Wire Terminals







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

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **.41 – .91 mm**

Lead Wire Size: **.8 – 1.02 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

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

Contact Mating Retention Type	Locking

Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	.41 – .91 mm

Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Overall Product Length	7.87 mm[.309 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	15

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Other

Comment	Single magnet wire only., Solid or overcoated stranded lead wire only.

Product Compliance

For compliance documentation, visit the product page on TE.com>

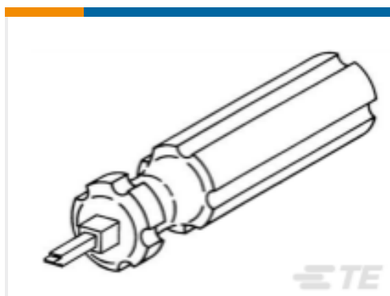
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

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

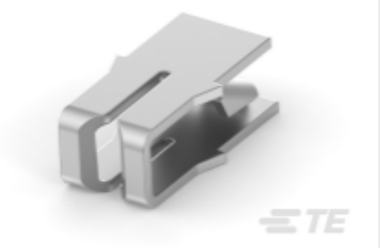
TE Part # 1217824-1
TERM,POKE-IN,MAG-MATE

TE Part # 1742483-1
SPEC LEAF,300 SERIES,MAG-MATE,



TE Part # 274250-2
INSERTION TOOL

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



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

TE Part # 63975-1
MAG-MATE TRI SLOT 016 TPBR

Also in the Series | MAG-MATE

Insertion & Extraction Tools(7)

Magnet Wire Terminals(462)

PCB Terminals(1)

Documents

Product Drawings

MAG-MATE TERM 20-22 016 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62524-1_M_c-62524-1-m.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62524-1_M_c-62524-1-m.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62524-1_M_c-62524-1-m.3d_stp.zip

English

Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English