160809-2 ✔ ACTIVE

MAG-MATE

TE Internal #: 160809-2

Magnet Wire Terminals, Solder Post, Mating Tab Width .11 in [2.8 mm], Size 1, 27 – 25 AWG Magnet Wire, .36 – .45 mm Magnet Wire, MAG-MATE

View on TE.com >

Terminals & Splices > Magnet Wire Terminals





Magnet Wire Terminal Type: **Solder Post**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Size 1**

Magnet Wire Size: **27 – 25 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

Body Features

Compatible With Cavity Size	Size 1

Contact Features

Magnet Wire Terminal Type	Solder Post
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Dimensions

Terminal Height	4.75 mm[.187 in]
Magnet Wire Size	.36 – .45 mm
Stock Thickness (Magnet Wire Side)	.5 mm[.02 in]
Overall Product Length	13 mm[.511 in]

Usage Conditions

Insulation Option	Uninsulated

Operation/Application

Compatible With Wire Base Material	Copper

Identification Marking

Identification Number	9

Packaging Features

Packaging Method	Reel/Carton

Other

Comment	Two magnet wires may be terminated in the same terminal slot if diameters are equal.

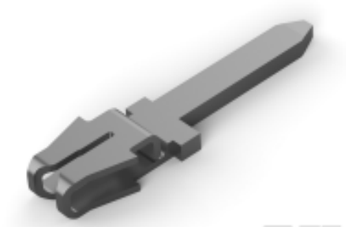
Product Compliance

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

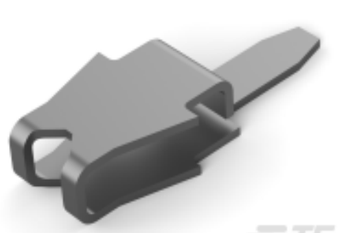
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does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

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

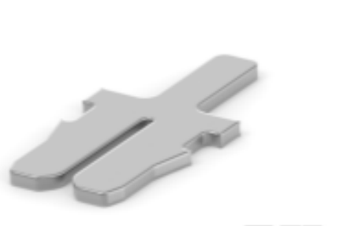


TE Part # 1217642-1
TAB, 059 SERIES, L.H. MAG-MATE

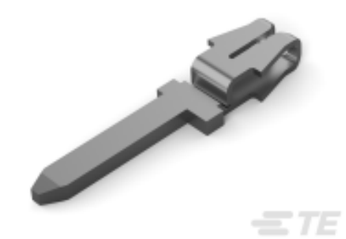


TE Part # 62938-1
MAG-MATE POST 33-31 010 TPBR

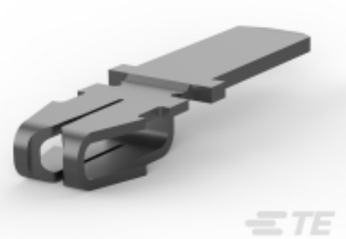
TE Part # 63818-1
TERM MAG-MATE POST 30-28TPCUBR



TE Part # 1534682-1
MAG-MATE CONTACT .187,WITH SOLDER PIN



TE Part # 1217641-1
TAB, 059 SERIES, R.H. MAG-MATE



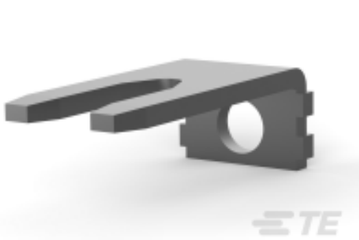
TE Part # 160810-2
MAG MATE WITH TAB

TE Part # 62438-1
MAG-MATE POST 25-27 013 TPBR

TE Part # 1217459-1
TAB, MAG-MATE 059 X 032,RH 187

TE Part # 1217931-1
TAB,187 FASTON, MAG-MATE

TE Part # 160897-2
MAG MATE WITH TAB



TE Part # 1987199-1
BRIDGE CONTACT

Also in the Series | MAG-MATE

Insertion & Extraction Tools(7)

Magnet Wire Terminals(462)

PCB Terminals(1)

Documents

Product Drawings

MAG-MATE WITH TAB

English

CAD Files

Customer View Model

ENG_CVM_160809-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_160809-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_160809-2_A.2d_dxf.zip

English

3D PDF

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English