

1217641-1 ✓ ACTIVE



## MAG-MATE

TE Internal #: 1217641-1

Magnet Wire Terminals, Tab, Mating Tab Width .059 in [1.5 mm],

Size 1, .36 – .45 mm Magnet Wire, 27 – 25 AWG Magnet Wire,

MAG-MATE

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **1.5 mm [ .059 in ]**

Mating Tab Thickness: **.81 mm [ .032 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

#### Body Features

Compatible With Cavity Size

Size 1

#### Contact Features

Magnet Wire Terminal Type

Tab

Mating Tab Width

1.5 mm[.059 in]

Mating Tab Thickness

.81 mm[.032 in]

Terminal Plating Material

Tin

Terminal Orientation

Right Hand

#### Termination Features

Termination Method to Wire & Cable

Insulation Displacement (IDC)

#### Dimensions

Terminal Height

4.75 mm[.187 in]



Magnet Wire Size	.36 – .45 mm
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Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]
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Product Length	14.36 mm[.565 in]
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### Usage Conditions

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

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Reel, Reel/Carton
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 1742941-1  
MAG-MATE SLIM LINE POSTED TPBR



TE Part # 63856-2  
TERMINAL, F-CRIMP, MAG-MATE



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



TE Part # 1742474-1  
TAB, .187 FASTON, MAG-MATE



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



TE Part # 160809-2  
MAG-MATE WITH TAB



TE Part # 1217013-1  
TAB, 059 MAG-MATE TPBR



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



TE Part # 1217460-1  
TAB, MAG-MATE 059 X 032, LH 187



TE Part # 1217666-1  
TAB, .187 FASTON, MAG-MATE SLM LN



TE Part # 1217886-1  
TAB, 059 SERIES, LH, MAG MATE



TE Part # 1217887-1  
TAB, 059 SERIES, RH, MAG MATE




TE Part # 1217993-1  
TAB, .187X032 FASTON, MAG-MATE



TE Part # 63903-1  
MAG-MATE SLIM LINE POSTED TPBR


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



Insertion & Extraction Tools(7)



Magnet Wire Terminals(435)



PCB Terminals(1)

Customers Also Bought



## Documents

### Product Drawings

[TAB, 059 SERIES, R.H. MAG-MATE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1217641-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1217641-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1217641-1\\_C.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

### Product Specifications

[Application Specification](#)

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### Product Environmental Compliance

[Product Compliance](#)

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