

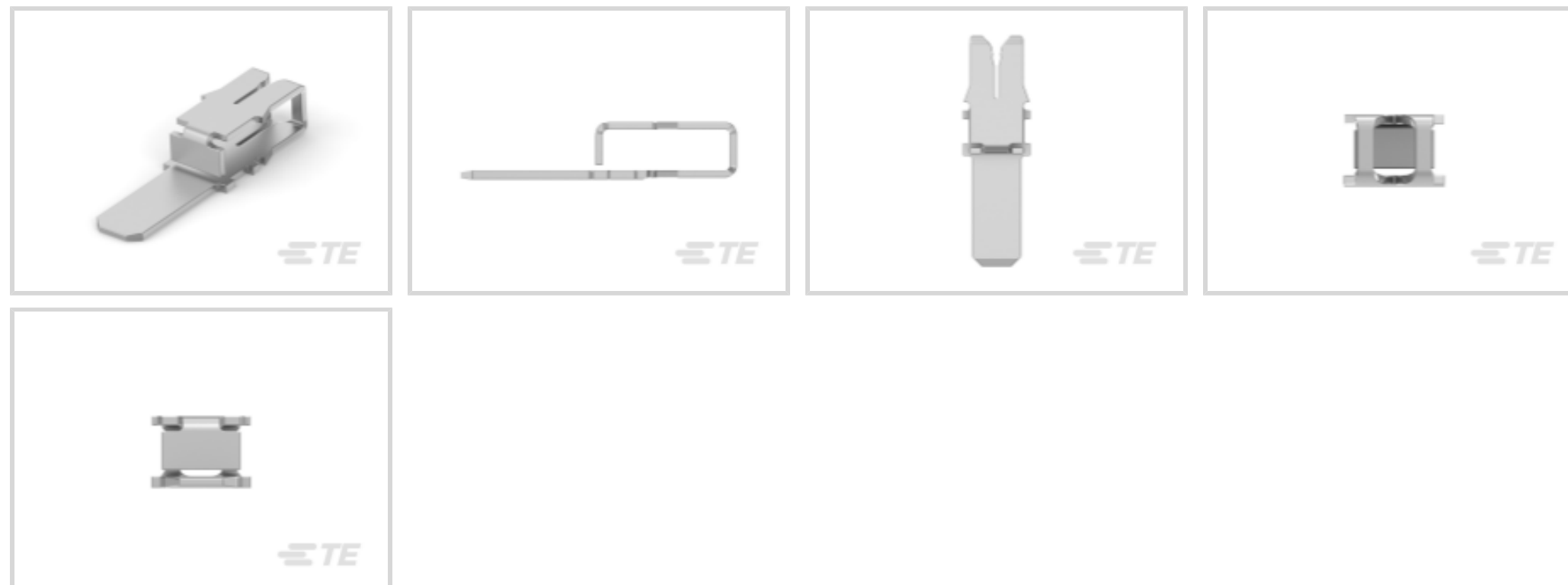
## MAG-MATE

TE Internal #: 63489-1

TE Internal Description: MAG-MATE 125 X 020 TAB TPBR

[View on TE.com >](#)

Terminals &amp; Splices &gt; Magnet Wire Terminals

Magnet Wire Terminal Type: **Tab**Mating Tab Width: **3.25 mm [ .128 in ]**Mating Tab Thickness: **.51 mm [ .02 in ]**Compatible With Cavity Size: **Size 2**Aluminum Wire Size: **.41 – .91 mm**

## Features

### Product Type Features

Sealable	No
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### Body Features

Compatible With Cavity Size	Size 2
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### Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	3.25 mm[.128 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight

### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Dimensions

Terminal Height	7.68 mm[.3 in]
Aluminum Wire Size	21 – 19 AWG
Magnet Wire Size	27 – 23 AWG
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]

Overall Product Length	14.86 mm[.585 in]
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### Usage Conditions

Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]
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### Packaging Features

Packaging Method	Reel, Reel/Carton
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### Other

Comment	Two magnet wires may be terminated in the same terminal slot if diameters are equal.
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## 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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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>

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



Insertion &amp; Extraction Tools(8)

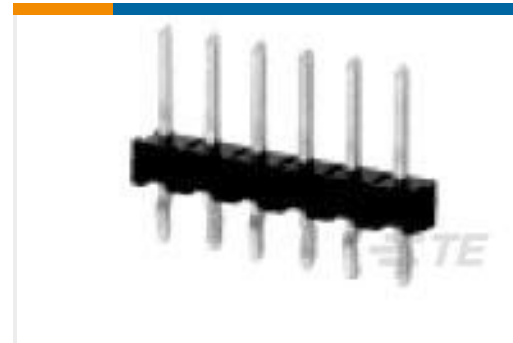
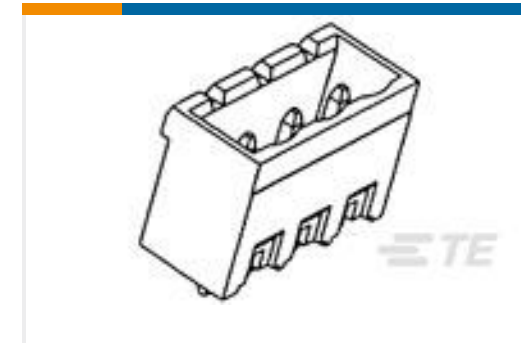


Magnet Wire Terminals(464)



PCB Terminals(1)

## Customers Also Bought

TE Part #2-1393243-4  
RTE25524TE Part #964339-1  
MAG MATE KONT. MKIITE Part #104344-3  
05 MODII HDR SRST B/A W/HDTE Part #1-1546111-0  
EUROSTYLE TB,HEADER,GREY,10POSTE Part #5822138-4  
80 ME .050 L/P AU M/L PB-FREETE Part #9-2176374-8  
RQ 0805 1K1 0.1% 10PPM 1K RL

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63489-1\\_J.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63489-1\\_J.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_63489-1\\_J.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### Magnet Wire Terminals & Splices

English



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[Product Specifications](#)

[Application Specification](#)

English