

MAG-MATE

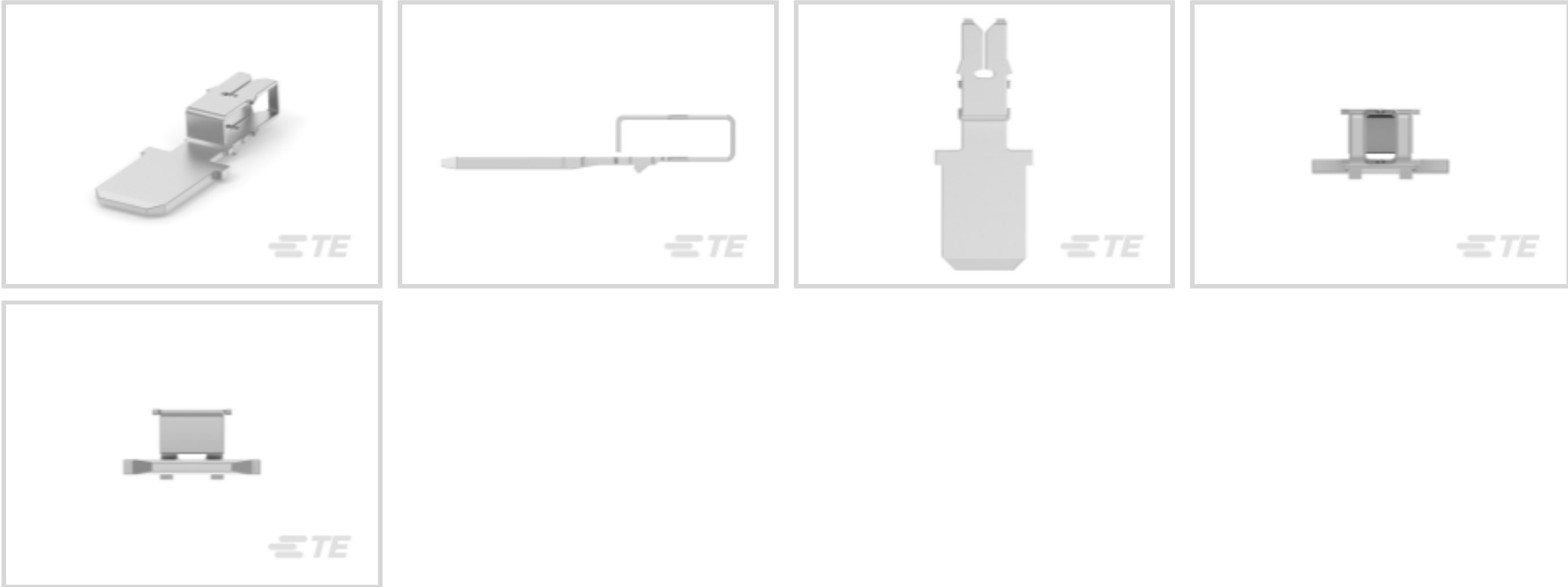
TE Internal #: 63027-1

MAG-MATE, Magnet Wire Terminals, Tab, Tab, Magnet Wire
Terminal Mating Tab Width 6.35 mm [.25 in]

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Terminal & Splice Type: **Tab**
Magnet Wire Terminal Terminal Type: **Tab**
Magnet Wire Terminal Mating Tab Width: **6.35 mm [.25 in]**
Magnet Wire Terminal Mating Tab Thickness: **.84 mm [.033 in]**
Terminal Height: **7.87 mm [.31 in]**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
Sealable	No

Body Features

Body Shape	Narrow
Cavity Size	Size 5
Magnet Wire Terminal Plating Material	Tin

Contact Features

Terminal & Splice Type	Tab
Magnet Wire Terminal Terminal Type	Tab
Magnet Wire Terminal Terminal Orientation	Straight

Termination Features

Magnet Wire Terminal Termination Method	IDC Standard
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Mechanical Attachment

Magnet Wire Terminal Mating Retention Type	Dimple
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Dimensions

Magnet Wire Terminal Mating Tab Width	6.35 mm[.25 in]
Magnet Wire Terminal Mating Tab Thickness	.84 mm[.033 in]
Terminal Height	7.87 mm[.31 in]
Aluminum Wire Size	.32 – .45 mm
Magnet Wire Size	30 – 27 AWG
Magnet Wire Terminal Material Thickness	.8 mm[.031 in]
Stock Thickness (Magnet Wire Side)	.3 mm[.012 in]
Magnet Wire Terminal Overall Length	18.97 mm[.746 in]

Usage Conditions

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

Identification Marking

Identification Number	6
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Packaging Features

Packaging Quantity	7500
Magnet Wire Terminal Packaging Method	Reel, Reel/Carton

Other

Comment	Part available upon special request., Two magnet wires may be terminated in the same terminal slot if diameters are equal., With Latches
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 63200-1 MAG-MATE 250F TAB TPBR	 TE Part # 62651-1 MAG-MATE 250FTAB 30-27 013TPBR	 TE Part # 63328-1 MAG-MATE 250F TAB TPBR	 TE Part # 63132-3 TAB, .250 FASTON,MAG-MATE
 TE Part # 160899-4 MAG-MATE POKE-IN	 TE Part # 1742517-1 TAB,FASTON,.250,LP,MAG-MATE	 TE Part # 62655-1 MAG-MATE 250FTAB 32-31 010TPBR	 TE Part # 63132-1 MAG-MATE 250 F TAB 30-27 TPBR
 TE Part # 63132-2 MAG-MATE 250 F TAB 30-27 BR	 TE Part # 63743-2 TAB 250 MAGMATE SLIM LN 30-27	 TE Part # 63898-1 MAG-MATE 250FTAB 30-27 TPBR	

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



Insertion & Extraction Tools(8)



Magnet Wire Terminals(468)

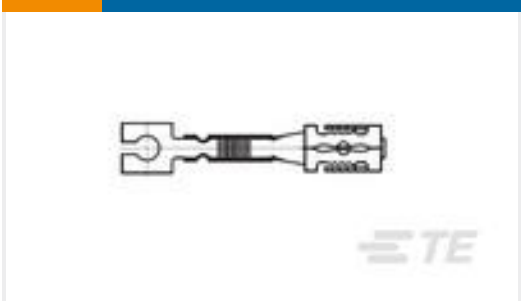


PCB Terminals(1)

Customers Also Bought



TE Part #2-1393243-4
RTE25524



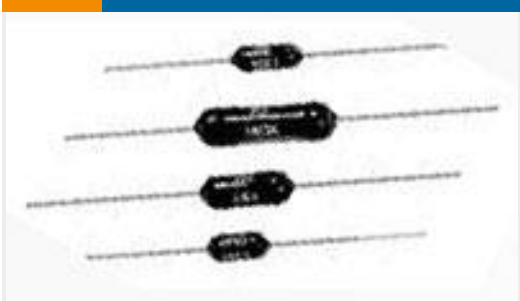
TE Part #1494211-1
SIZE(2.8) AMPLIVAR FASTON RECP



TE Part #5-103326-2
04 MODII HDR DRRA B/A .100CL



TE Part #1623187-1
CRG0805 1% 300K



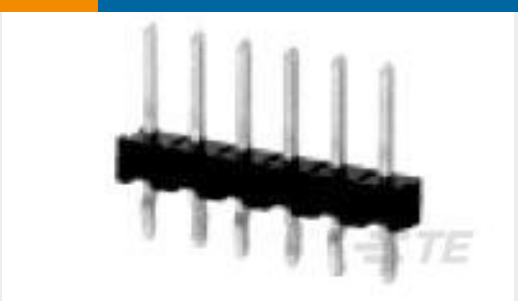
TE Part #1-1879629-1
H4P 220K 0.5% 50PPM



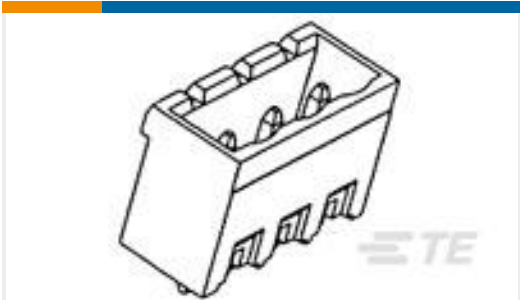
TE Part #1825142-2
AE101MD1AG04



TE Part #964339-1
MAG MATE KONT. MKII



TE Part #104344-3
05 MODII HDR SRST B/A W/HD



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



TE Part #3-2176367-7
RQ 0603 11K 0.1% 10PPM 1K RL

Documents

Product Drawings

MAGMATE 250F-TAB 30-27 TPBR.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63027-1_M.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_63027-1_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63027-1_M.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English