

MAG-MATE

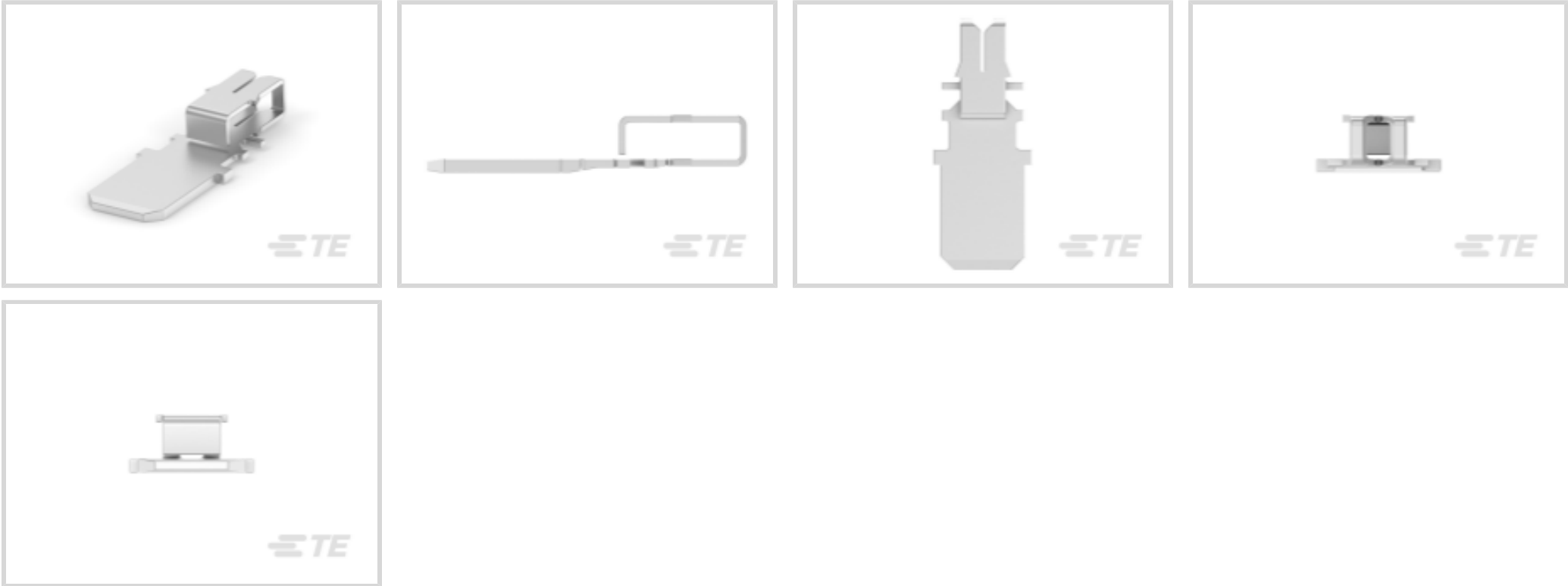
TE Internal #: 63920-1

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

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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: **.8 mm [ .032 in ]**  
Terminal Height: **7.62 mm [ .3 in ]**

Features

Product Type Features

|                                      |             |
|--------------------------------------|-------------|
| Magnet Wire Terminal Wire/Cable Type | Magnet Wire |
| Sealable                             | No          |

Body Features

|                                       |        |
|---------------------------------------|--------|
| Cavity Size                           | Size 2 |
| 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 |
|-----------------------------------------|--------------|

Mechanical Attachment

|                                            |        |
|--------------------------------------------|--------|
| Magnet Wire Terminal Mating Retention Type | Dimple |
|--------------------------------------------|--------|

Dimensions



|                                           |                   |
|-------------------------------------------|-------------------|
| Magnet Wire Terminal Mating Tab Width     | 6.35 mm[.25 in]   |
| Magnet Wire Terminal Mating Tab Thickness | .8 mm[.032 in]    |
| Terminal Height                           | 7.62 mm[.3 in]    |
| Magnet Wire Size                          | 27 – 23 AWG       |
| Magnet Wire Terminal Material Thickness   | .81 mm[.032 in]   |
| Stock Thickness (Magnet Wire Side)        | .41 mm[.016 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 | 10 |
|-----------------------|----|

Packaging Features

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

Other

|         |                                                                                                                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comment | After insertion into plastic cavity, tab portion must be bent over 45°-90° or potted in to prevent pullout when mating receptacle is disconnected., Half hard temper brass, Special wide neck design, 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

|                                                          |                                                           |                                                     |                                                         |
|----------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| <br>TE Part # 62652-1<br>MAG-MATE 250FTAB 27-23 016TPBR  | <br>TE Part # 63571-1<br>MAG-MATE 250 F-TAB 27-23 TPBR    | <br>TE Part # 63200-1<br>MAG-MATE 250F TAB TPBR     | <br>TE Part # 62657-1<br>MAG-MATE 250FTAB 27-23 016TPBR |
| <br>TE Part # 63571-2<br>TAB 250 FASTON MAG-MATE         | <br>TE Part # 1217031-1<br>MAG-MATE 250FTAB 22-20 016TPBR | <br>TE Part # 1217860-1<br>TAB,250 FASTON, MAG-MATE | <br>TE Part # 1217924-1<br>TAB,250 FASTON,MAG-MATE      |
| <br>TE Part # 1742035-1<br>TAB,187 X 032 FASTON,MAG-MATE | <br>TE Part # 62652-2<br>MAG-MATE 250FTAB 27-23 016TPBR   | <br>TE Part # 1394475-1<br>MAG MATE ST-KONT2,0      | <br>TE Part # 1217870-1<br>TAB,250 FASTON,MAG-MATE      |



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

TE Part # 1742516-1  
TAB,FASTON,,250,LP,MAG-MATE

TE Part # 1742518-1  
TAB,FASTON,,250 LP,MAG-MATE

TE Part # 2232683-1  
MAG-MATE W/250 CONN TAB TPBR

TE Part # 63607-1  
MAG MATE 250 FTAB 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 #2161057-1  
SDE COMMERCIAL TOOL & DIE

TE Part #2266266-2  
OC-AT-S-FA-077F085O-001-0074

TE Part #2298509-2  
MINI COAX SHIELD CRIMP FERRULE  
RG174

TE Part #2836124-2  
OCEAN\_2.0\_Applicator-S-180F

TE Part #2837598-1  
OCEAN-2.0-APPLICATOR-S-058F065F

TE Part #7-1579018-2  
EXTRACTION TOOL

TE Part #7-2266467-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
077F0800

TE Part #5584393001  
ACW0219-4.00-76(BP)



Documents

Product Drawings

MAG-MATE 250F TAB 27-23 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63920-1\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_63920-1\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63920-1\_E.3d\_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English