

MAG-MATE

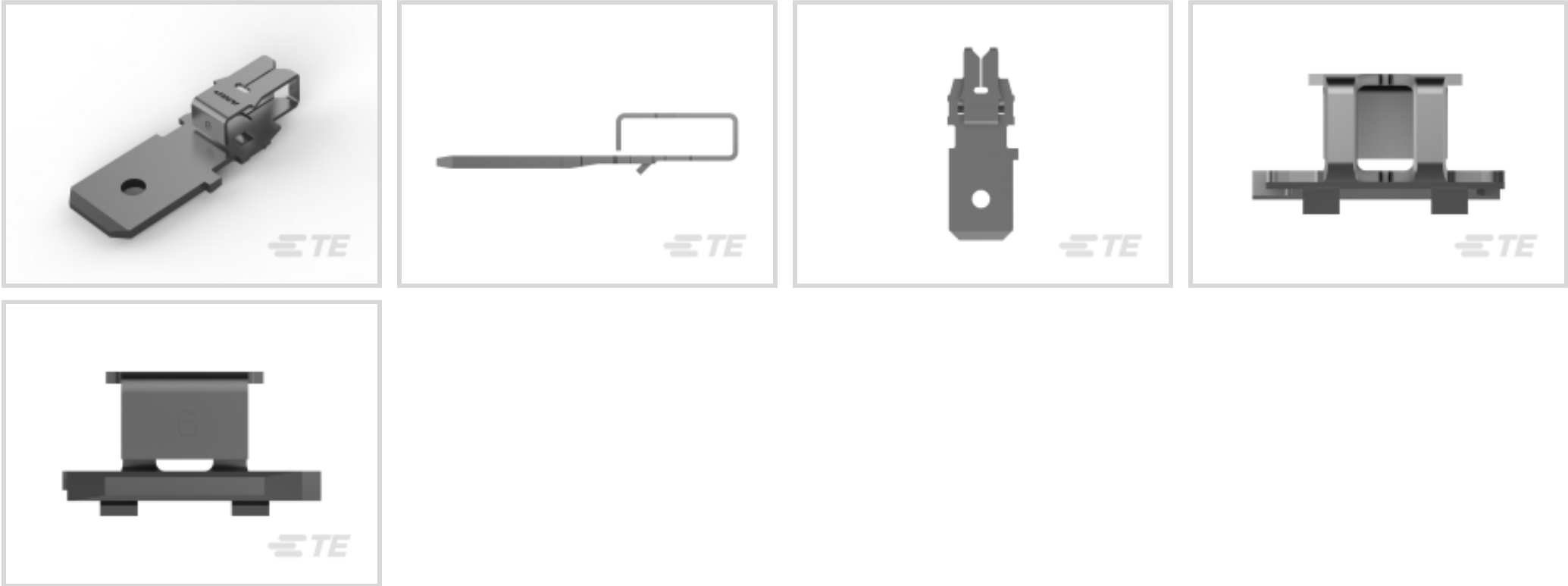
TE Internal #: 63499-1

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

|                                       |        |
|---------------------------------------|--------|
| Body Shape                            | Wide   |
| Cavity Size                           | Size 3 |
| 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 | Hole |
|--------------------------------------------|------|



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]    |
| Aluminum Wire Size                        | .08 – .16 mm      |
| Magnet Wire Size                          | 30 – 27 AWG       |
| Magnet Wire Terminal Material Thickness   | .8 mm[.032 in]    |
| Stock Thickness (Magnet Wire Side)        | .51 mm[.02 in]    |
| Magnet Wire Terminal Overall Length       | 18.97 mm[.747 in] |

Usage Conditions

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

Identification Marking

|                       |   |
|-----------------------|---|
| Identification Number | 6 |
|-----------------------|---|

Packaging Features

|                                       |                   |
|---------------------------------------|-------------------|
| Packaging Quantity                    | 6500              |
| Magnet Wire Terminal Packaging Method | Reel, Reel/Carton |

Other

|         |                                                                                                    |
|---------|----------------------------------------------------------------------------------------------------|
| Comment | Two magnet wires may be terminated in the same terminal slot if diameters are equal., With Latches |
|---------|----------------------------------------------------------------------------------------------------|

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 # 63571-1<br>MAG-MATE 250 F-TAB 27-23 TPBR  | <br>TE Part # 63810-1<br>TERMINAL MAG-MATE TAB TPBR | <br>TE Part # 63601-2<br>MAG-MATE 250 FAST TAB 22-20      | <br>TE Part # 63309-2<br>MAG-MATE 250F-TAB 33-31 TPBR   |
| <br>TE Part # 63328-1<br>MAG-MATE 250F TAB TPBR         | <br>TE Part # 63571-2<br>TAB 250 FASTON MAG-MATE    | <br>TE Part # 1742398-1<br>TAB,FASTON,250 SERIES,MAG-MATE | <br>TE Part # 2232555-1<br>MAG-MATE W/250 CONN TAB TPBR |
| <br>TE Part # 63590-3<br>MAG-MATE LEAF CONT 0126 TPPHBZ | <br>TE Part # 63132-3<br>TAB, .250 FASTON,MAG-MATE  | <br>TE Part # 136826-1<br>SPEC TAB MAG MATE 6.35          | <br>TE Part # 1394403-1<br>MAG MATE ST-KONT             |



TE Part # 1742517-1  
TAB,FASTON,.,250,LP,MAG-MATE

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 # 63499-2  
MAG-MATE 250 F TAB 30-27 TPBR

TE Part # 63590-2  
MAG-MATE LEAF CONTACT  
0126TPBR

TE Part # 63590-5  
SPEC,LEAF,300 SERIES,MAG-MATE

TE Part # 63607-1  
MAG MATE 250 FTAB 30-27 TPBR

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 #1650162-2  
701-65-02109=CONTACT,PIN,#20

TE Part #1393117-8  
KUP-1D55-24=KU

TE Part #2-292173-7  
AMP COMMON TERMINATION  
HEADERS

TE Part #1761686-6  
IDC LOW PRO HDR 16P VERT LG LAT

TE Part #2-328516-1  
TERMINAL,PG SPD FLG 22-16 10

TE Part #2-1658527-5  
622-2441LF=FSKT IDC S 24 30AU

TE Part #2-1440007-5  
STD OEG PCB OMI/OMIH Power  
Relays

TE Part #YACT20JD35PNV00100  
SQUARE FLANGE RECEPTACLE



Documents

Product Drawings

MAG-MATE 250 F TAB 30-27 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63499-1\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_63499-1\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63499-1\_L.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Application Specification

Japanese

MAG-MATE Standard Series .300 Box Height Special Latch Type Terminal

Japanese