

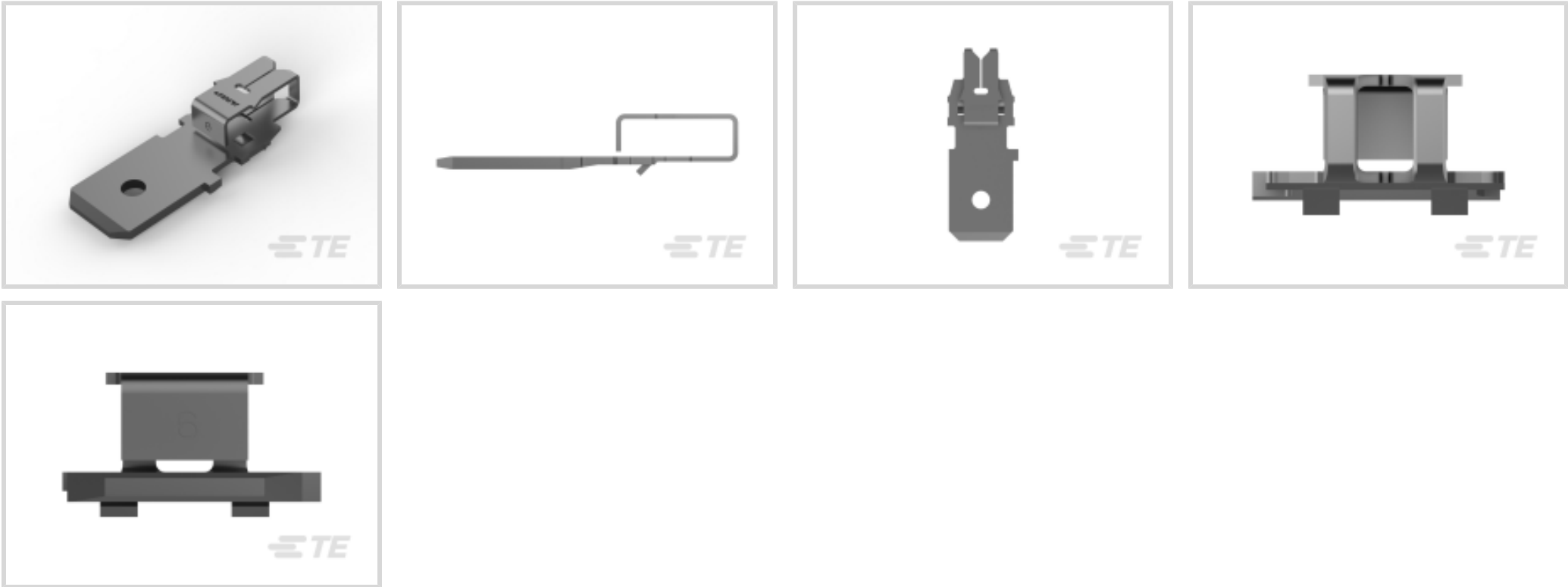


MAG-MATE

TE Internal #: 63499-1
Tab, 6.35 mm [.25 in] Tab Width, 28 – 25 AWG Aluminum Wire, .08 – .16 mm Aluminum Wire, .25 – .36 mm Magnet Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **6.35 mm [.25 in]**
Mating Tab Thickness: **.8 mm [.032 in]**
Compatible With Cavity Size: **Size 3**
Aluminum Wire Size: **.08 – .16 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 3
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.8 mm[.032 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Hole
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Dimensions

Terminal Height	7.62 mm[.3 in]
Aluminum Wire Size	28 – 25 AWG
Magnet Wire Size	.25 – .36 mm
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Product Length	18.97 mm[.747 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Identification Marking

Identification Number	6
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Packaging Features

Packaging Quantity	6500
Packaging Method	Reel, Reel/Carton

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

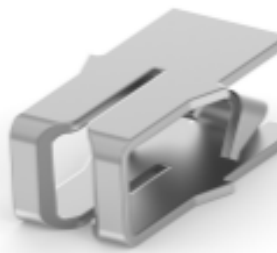
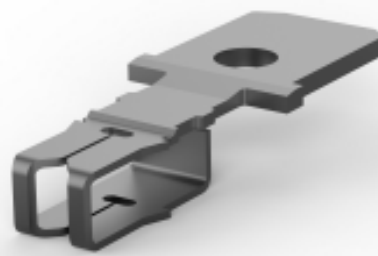
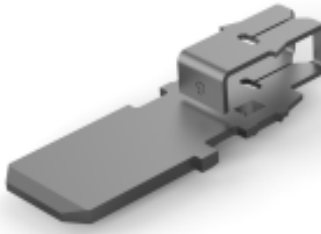
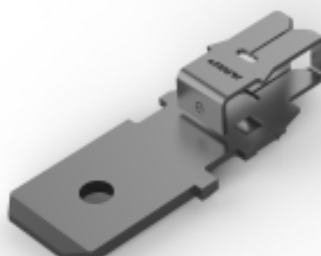
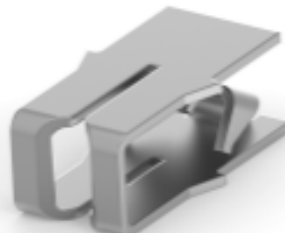
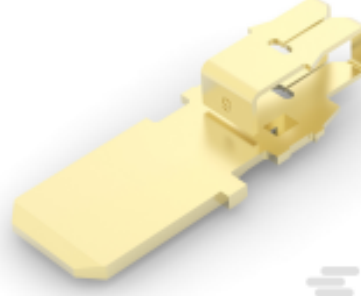
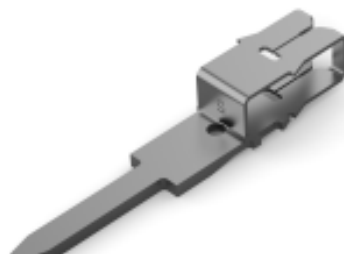
Product Compliance Disclaimer

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 # 63132-1 MAG-MATE 250 F TAB 30-27 TPBR	 TE Part # 136826-1 SPEC TAB MAG MATE 6.35	 TE Part # 63590-3 MAG-MATE LEAF CONT 0126 TPPHBZ	 TE Part # 1742398-1 TAB,FASTON,250 SERIES,MAG-MATE
 TE Part # 2232555-1 MAG-MATE W/250 CONN TAB TPBR	 TE Part # 63328-1 MAG-MATE 250F TAB TPBR	 TE Part # 63132-3 TAB, .250 FASTON,MAG-MATE	 TE Part # 63499-2 MAG-MATE 250 F TAB 30-27 TPBR
 TE Part # 63898-1 MAG-MATE 250FTAB 30-27 TPBR	 TE Part # 63590-2 MAG-MATE LEAF CONTACT 0126TPBR	 TE Part # 1394403-1 MAG MATE ST-KONT	 TE Part # 63571-2 TAB 250 FASTON MAG-MATE
 TE Part # 63132-2 MAG-MATE 250 F TAB 30-27 BR	 TE Part # 63810-1 TERMINAL MAG-MATE TAB TPBR	 TE Part # 63607-1 MAG MATE 250 FTAB 28-24 TPBR	 TE Part # 63590-5 SPEC,LEAF,300 SERIES,MAG-MATE



TE Part # 63309-2
MAG-MATE 250F-TAB 33-31 TPBR



TE Part # 63571-1
MAG-MATE 250 F-TAB 27-23 TPBR

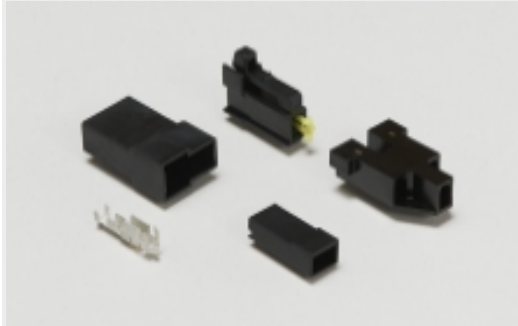


TE Part # 63601-2
MAG-MATE 250 FAST TAB 22-20

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



Insertion & Extraction Tools(6)

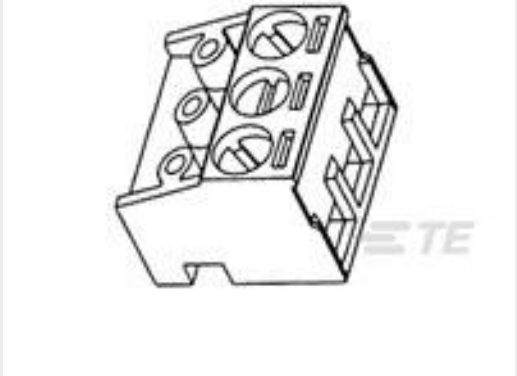


Magnet Wire Terminals(329)



PCB Terminals(1)

Customers Also Bought



TE Part #282830-2
TERMI-BLOK PLUG 90&180 2P. 5



TE Part #63132-3
TAB, .250 FASTON,MAG-MATE



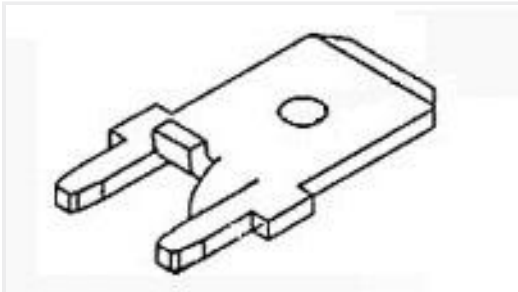
TE Part #1734366-1
Std USB Type A, VT, T/H



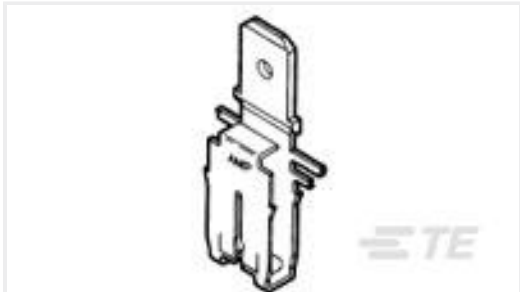
TE Part #4-1393789-5
V23079D2003B301



TE Part #1513168-1
PCB Antenna Single Band



TE Part #63849-1
250 FASTON TAB TPBR



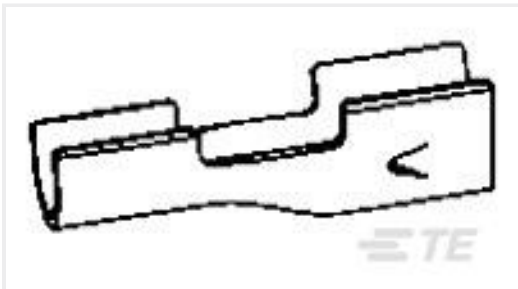
TE Part #63882-1
MAG-MATE 250 F-TAB TPBR



TE Part #T4113011041-000
M12 M, 4P GOLD A_CODE RA SHIELDED PG7



TE Part #5745071-1
HD-20 PLUG 9P VERT FFSCRLK



TE Part #1438246-4
SPLICE, BUTT, HEATER WIRE 18-16 AWG BR



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