



MAG-MATE

TE Internal #: 63277-1
MAG-MATE, Magnet Wire Terminals, Pin, Pin, Magnet Wire
Terminal Mating Pin Diameter 2.29 mm [.09 in], Terminal Height
12.83 mm [.505 in], Size 4

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Terminals & Splices > Magnet Wire Terminals



Terminal & Splice Type: **Pin**
Magnet Wire Terminal Terminal Type: **Pin**
Magnet Wire Terminal Mating Pin Diameter: **2.29 mm [.09 in]**
Terminal Height: **12.83 mm [.505 in]**
Cavity Size: **Size 4**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
Sealable	No

Body Features

Cavity Size	Size 4
Magnet Wire Terminal Plating Material	Tin

Contact Features

Terminal & Splice Type	Pin
Magnet Wire Terminal Terminal Type	Pin
Magnet Wire Terminal Mating Pin Diameter	2.29 mm[.09 in]
Magnet Wire Terminal Terminal Orientation	Straight

Termination Features

Magnet Wire Terminal Termination Method	IDC Standard
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Dimensions

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Terminal Height	12.83 mm[.505 in]
Magnet Wire Size	22 – 20 AWG
Magnet Wire Terminal Material Thickness	.41 mm[.016 in]
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Magnet Wire Terminal Overall Length	21.82 mm[.86 in]

Usage Conditions

Insulation Requirement	Uninsulated
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Identification Marking

Identification Number	18
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Packaging Features

Packaging Quantity	5000
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., Varnish resist coating.
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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 # 63882-1 MAG-MATE 250 F-TAB TPBR	 TE Part # 63495-1 MAG-MATE 250 F-TAB TPBR	 TE Part # 63708-1 TAB MAG-MATE 187 FAST 0198TPBR	 TE Part # 63278-1 MAG-MATE 090 PIN 19-17 016TPBR
 TE Part # 1217974-1 TERM,SPLICE,LP,MAG-MATE	 TE Part # 1742404-1 PIN,090 DIAM,500 SERIES,MAG-MA	 TE Part # 1742409-1 PIN,090 DIAM,500 SERIES,MAG-MA	 TE Part # 63155-1 MAG-MATE 250 F TAB 032 TPBR
 TE Part # 63428-1 MAG-MATE 187FAST TAB .020TPBR.	 TE Part # 63983-1 MAG-MATE TAB 187 FAST TPBR		

Also in the Series | MAG-MATE

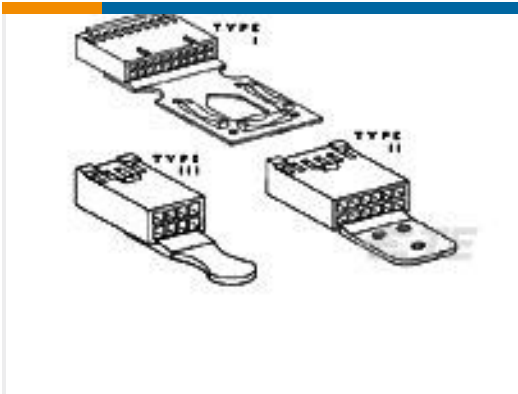
 Insertion & Extraction Tools(8)	 Magnet Wire Terminals(468)	 PCB Terminals(1)
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Customers Also Bought





TE Part #414002-4
SMB Connector: Female (Plug), Mated
Outer Dia. 4.75mm, 50 Ohm



TE Part #2-102184-9
08 MODIV HSG W/STR RLF DR .100



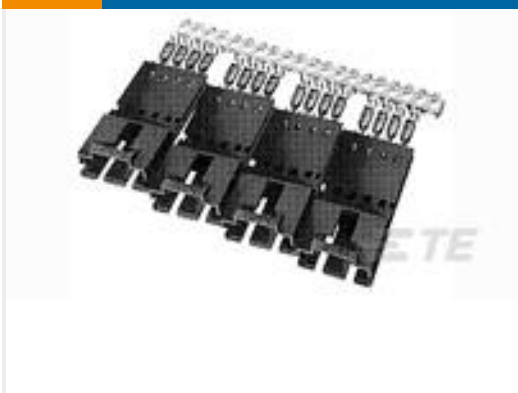
TE Part #1-88859-4
2.54mm FFC Connectors Receptacle
Housing



TE Part #YDTS26W17-08PAV001
D38999: Straight Plug, 17-08 Insert



TE Part #1-456407-1
CRIMPER WIRE .100 F



TE Part #103944-2
5X3 MTE SHRD PIN SR POL .100



TE Part #2101676-2
RCPT, 7 POS, Sz103 w/SOLDER CUPS,
240 POL



TE Part #3-662185-7
ANVIL, COMBINATION, .070



TE Part #770834-3
MINI UMNL SOCKET AU



TE Part #794216-3
MINI UMNL2 PIN 30-26 AWG AU

Documents

Product Drawings
MAG-MATE 090 PIN 22-20 016TPBR
English

CAD Files
3D PDF
3D
3D PDF
3D
3D PDF
English
Customer View Model
ENG_CVM_63277-1_F.3d_igs.zip
English
Customer View Model
ENG_CVM_63277-1_F.3d_stp.zip
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Customer View Model



[ENG_CVM_63277-1_F.2d_dxf.zip](#)

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Customer View Model

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[ENG_CVM_CVM_63277-1_AC.3d_igs.zip](#)

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Customer View Model

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English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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