



MAG-MATE

TE Internal #: 1217641-1
Tab, 1.5 mm [.059 in] Tab Width, .36 – .45 mm Magnet Wire, 27 – 25
AWG Magnet Wire, Insulation Displacement (IDC), MAG-MATE,
Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**
Mating Tab Width: **1.5 mm [.059 in]**
Mating Tab Thickness: **.81 mm [.032 in]**
Compatible With Cavity Size: **Size 1**
Magnet Wire Size: **27 – 25 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 1
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Terminal Orientation	Right Hand

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Dimensions

Terminal Height	4.75 mm[.187 in]
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Magnet Wire Size	.36 – .45 mm
Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]
Product Length	14.36 mm[.565 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel, Reel/Carton
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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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

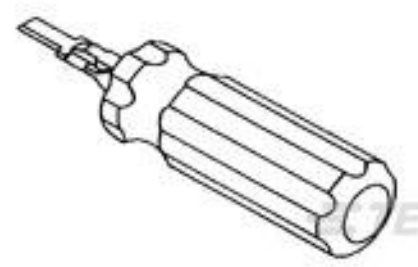


 TE Part # 1217013-1 TAB, 059 MAG-MATE TPBR	 TE Part # 1742474-1 TAB,.187 FASTON,MAG-MATE	 TE Part # 63903-1 MAG-MATE SLIM LINE POSTED TPBR	 TE Part # 1217886-1 TAB,059 SERIES,LH,MAG MATE
 TE Part # 1217993-1 TAB,187X032 FASTON,MAG-MATE	 TE Part # 1217460-1 TAB, MAG-MATE 059 X 032,LH 187	 TE Part # 1742941-1 MAG-MATE SLIM LINE POSTED TPBR	 TE Part # 1217642-1 TAB, 059 SERIES, L.H. MAG-MATE
 TE Part # 1217887-1 TAB,059 SERIES,RH,MAG MATE	 TE Part # 1534682-1 MAG-MATE CONTACT .187,WITH SOLDER PIN	 TE Part # 1217459-1 TAB, MAG-MATE 059 X 032,RH 187	 TE Part # 1217666-1 TAB,187 FASTON,MAG-MATE SLM LN
 TE Part # 160809-2 MAG-MATE WITH TAB	 TE Part # 63856-2 TERMINAL, F-CRIMP, MAG-MATE		

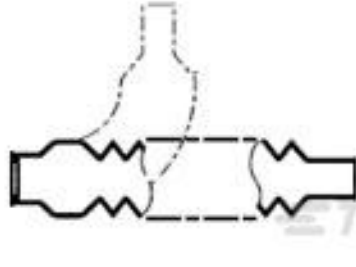
Also in the Series | **MAG-MATE**

Insertion & Extraction Tools(6)	Magnet Wire Terminals(329)	PCB Terminals(1)

Customers Also Bought



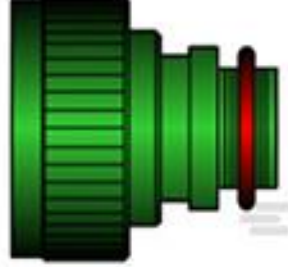
TE Part #755430-2
EXT,TOOL ASSY



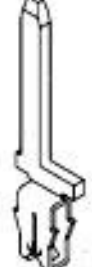
TE Part #878815-000
202C611-71/42-0



TE Part #5-1393252-8
W67-X2Q12-20=M6/M7/M9/W6/W7



TE Part #423209-000
TXR40AB00-0804AI



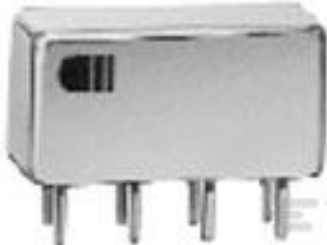
TE Part #1217642-1
TAB, 059 SERIES, L.H. MAG-MATE



TE Part #1623729-3
BCHE 17 W 10R 5%



TE Part #013750-000
AA-400-128-MK3-EL-KIT-120



TE Part #3-1617029-3
HFW1131K04M = M39016/6-107M



TE Part #7-1415002-1
PT370R24



TE Part #526002N011
TC-CAPS-4003-2CS5504

Documents

Product Drawings

TAB, 059 SERIES, R.H. MAG-MATE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1217641-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1217641-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1217641-1_C.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