

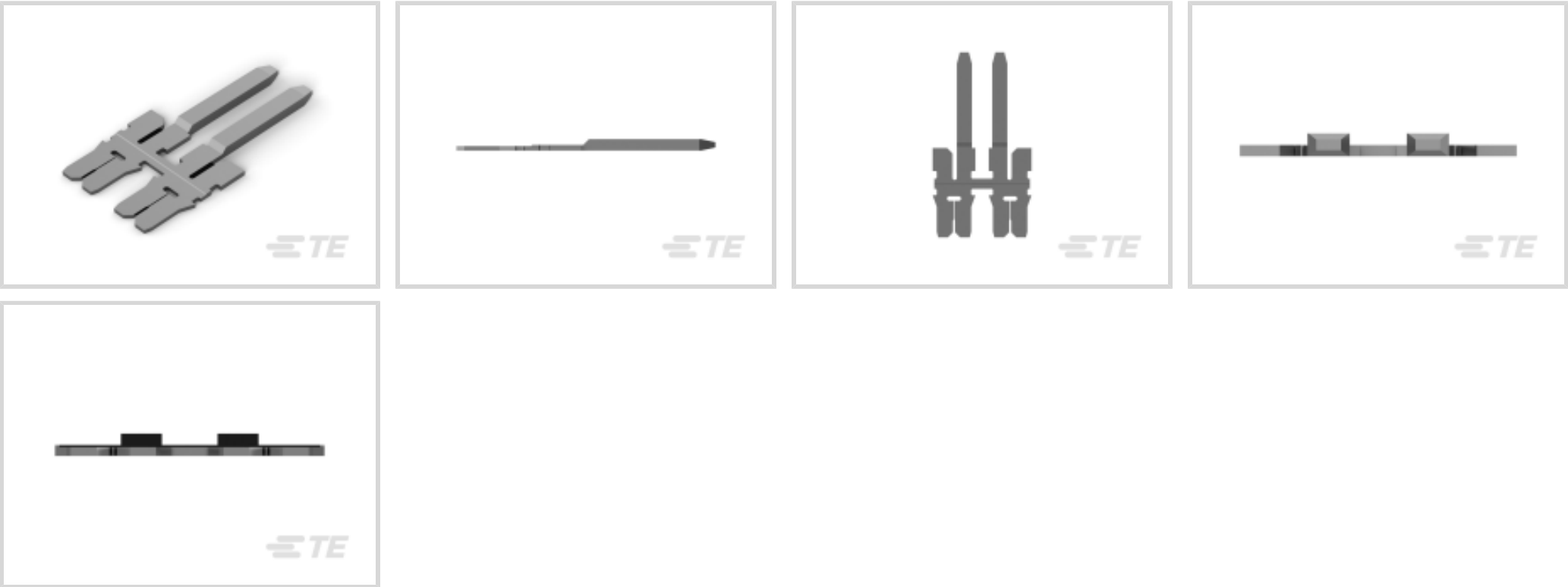


MAG-MATE

TE Internal #: 1742941-1
Tab, 1.5 mm [.059 in] Tab Width, .16 – .18 mm Magnet Wire, 34 – 33
AWG Magnet Wire, Insulation Displacement (IDC), MAG-MATE,
Magnet Wire Terminals

[View on TE.com >](#)

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]**
Magnet Wire Size: **.16 – .18 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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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

Termination Features

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

Mating Retention Type	Barbs
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Dimensions

Terminal Height	18.42 mm[.725 in]
Magnet Wire Size	.16 – .18 mm
Stock Thickness (Magnet Wire Side)	.33 mm[.013 in]



Product Length	18.42 mm[.725 in]
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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/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 reviewed 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 # 1217886-1
TAB,059 SERIES,LH,MAG MATE



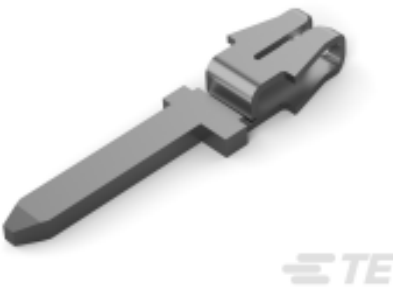
TE Part # 1217460-1
TAB, MAG-MATE 059 X 032,LH 187



TE Part # 1742940-1
MAG-MATE POST 29-26 0126 TPBR



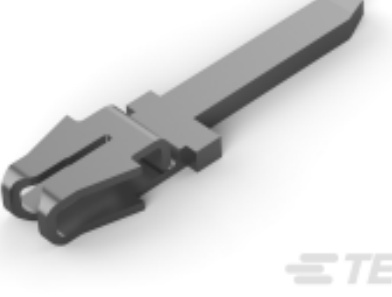
TE Part # 63903-1
MAG-MATE SLIM LINE POSTED TPBR



TE Part # 1217641-1
TAB, 059 SERIES, R.H. MAG-MATE



TE Part # 63744-1
TAB, 250 MAG-MATE SL 33-31 4M



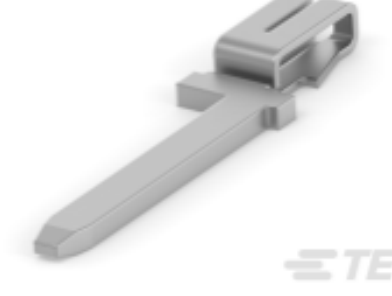
TE Part # 1217642-1
TAB, 059 SERIES, L.H. MAG-MATE



TE Part # 1217887-1
TAB,059 SERIES,RH,MAG MATE



TE Part # 63744-2
TAB, 250 MAG-MATE SL 33-31 082

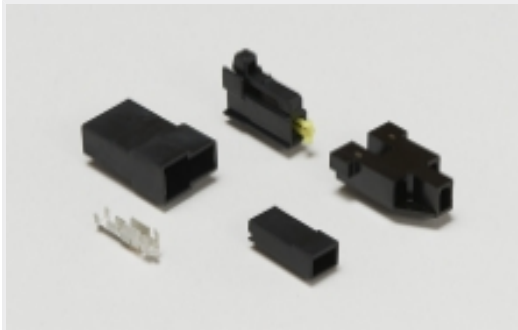


TE Part # 1217459-1
TAB, MAG-MATE 059 X 032,RH 187

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



Insertion & Extraction Tools(6)



Magnet Wire Terminals(329)



PCB Terminals(1)

Customers Also Bought



TE Part #1601099-2
.059X.032 TAB STD SMZ



TE Part #NB09542001
ATUM-16/4-0-STK



TE Part #2120743-2
MAG-MATE Slim Line with Multispring



TE Part #1670365-1
COVER MIXED,180,2-3POS,BK



TE Part #ZPF000000000007532
983-0SE 12-12 P6

TE Part #828904-2
SINGLE WIRE SEAL FOR J.P.T.CON

TE Part #2-1601120-4
TAB,PCB,FINE,SMZ

TE Part #63621-2
SPLICE S-MINI/AMVAR 0098TPCUBR

TE Part #963530-1
EINZELLEITERDICHTNG

TE Part #DT06-2S-EP06
PLG, 2P, BLK, N, SEAL RET, CAP

Documents

Product Drawings

MAG-MATE SLIM LINE POSTED TPBR

English

CAD Files

Customer View Model

ENG_CVM_CVM_1742941-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1742941-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1742941-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English