1742941-1 ✔ ACTIVE

MAG-MATE

TE Internal #: 1742941-1

Magnet Wire Terminals, Tab, Mating Tab Width .059 in [1.5 mm], .16 – .18 mm Magnet Wire, 34 – 33 AWG Magnet Wire, MAG-MATE

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

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)

Mechanical Attachment

Mating Retention Type	Barbs

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]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper

Packaging Features

Packaging Method	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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1217642-1
TAB, 059 SERIES, L.H. MAG-MATE

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

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

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

TE Part # 1217886-1
TAB,059 SERIES,LH,MAG MATE

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

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

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

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

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

Also in the Series | MAG-MATE

Insertion & Extraction Tools(6)

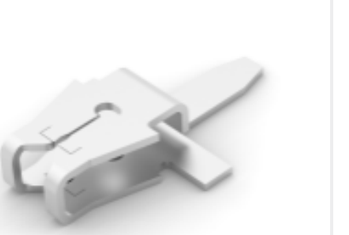
Magnet Wire Terminals(435)

PCB Terminals(1)

Customers Also Bought

TE Part #1461402-6
OJE-SH-112HM,000

TE Part #1625854-1
1206 PROBE PAD



TE Part #2238061-1
MAG-MATE POST 34-33 CU / 33-31 AL TPBR

TE Part #2238087-1
MAG-MATE TAB 34-33 CU / 33-31 AL TPBR

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

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English