# 1742941-1 ✔ ACTIVE

MAG-MATE

TE Internal #: 1742941-1

Tab Magnet Wire Terminal, 34 – 33 AWG, .16 – .18 mm, Insulation Displacement (IDC), 1.5 mm [.059 in] Tab Width, Tin Plating, 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

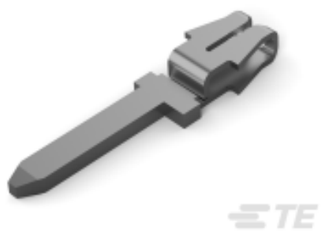
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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 # 1217641-1
TAB, 059 SERIES, R.H. MAG-MATE



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



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



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



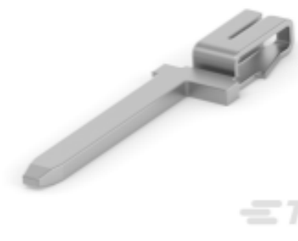
TE Part # 1217887-1
TAB,059 SERIES,RH,MAG MATE



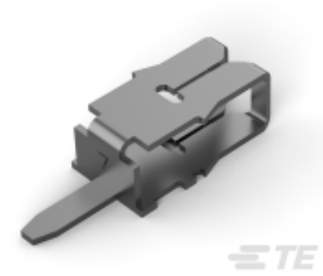
TE Part # 1217642-1
TAB, 059 SERIES, L.H. MAG-MATE



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



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



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

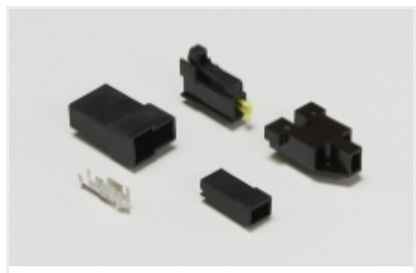


TE Part # 1217886-1
TAB,059 SERIES,LH,MAG MATE

## Also in the Series | MAG-MATE



Insertion & Extraction Tools(3)



Magnet Wire Terminals(327)



PCB Terminals(1)

## Customers Also Bought



TE Part #2562-201-2031L
CONT SOC ASSY



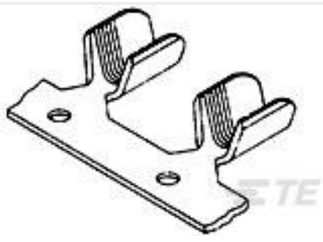
TE Part #NB09542001
ATUM-16/4-0-STK



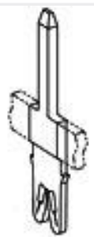
TE Part #DT06-2S-EP06
PLG, 2P, BLK, N, SEAL RET, CAP



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



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



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



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



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



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



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

## 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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Application Specification

English