62511-1 ✔ ACTIVE

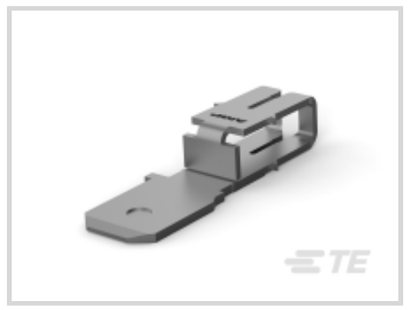
MAG-MATE | MAG-MATE 300

TE Internal #: 62511-1

Tab, Mating Tab Width 4.75 mm [.187 in], Size 2, 21 – 19 AWG Aluminum Wire, .72 – .91 mm Aluminum Wire, MAG-MATE 300, Magnet Wire Terminals

View on TE.com >

Terminals & Splices > Magnet Wire Terminals







Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **4.75 mm [.187 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Size 2**

Aluminum Wire Size: **21 – 19 AWG**

Features

Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	4.75 mm[.187 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Body Features

Compatible With Cavity Size	Size 2

Dimensions

Aluminum Wire Size	.72 – .91 mm
Magnet Wire Size	.64 – .81 mm
Stock Thickness (Magnet Wire Side)	.41 mm[.016 in]
Product Length	16 mm[.63 in]
Terminal Height	7.62 mm[.3 in]

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Mating Retention Type	Dimple

Packaging Features

Packaging Method	Reel, Reel/Carton
Packaging Quantity	12000

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper

Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Identification Marking

Identification Number	15

Industry Standards

Compatible With Agency/Standards Products	RU (UL Component Program)

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 2024 (241) 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

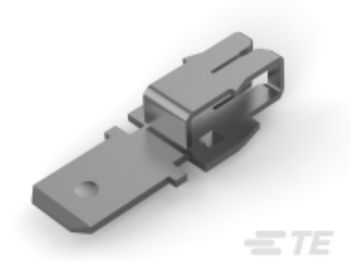
Compatible Parts



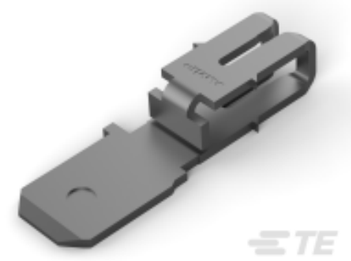
TE Part # 63486-1
MAG-MATE 110 FAST TAB 020 TPBR



TE Part # 62888-2
MAG-MATE 187 TAB 020 TPBR



TE Part # 63256-2
MAG-MATE 187 FAST TAB



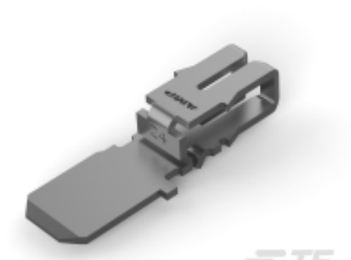
TE Part # 63273-1
MAG-MATE 187 FAST TAB 020TPBR



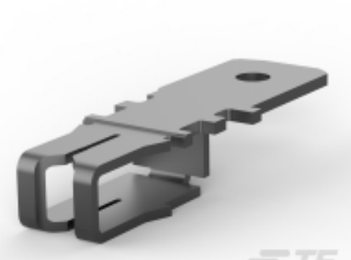
TE Part # 63063-2
TAB, MAG-MATE POKEIN 110F TPBR



TE Part # 62514-1
MAG-MATE 27-23 187 F TAB TPBR



TE Part # 62888-1
MAG-MATE 187 TAB 020 TPBR



TE Part # 63585-1
MAG-MATE 27-23 187 F TAB TPBR



TE Part # 1742160-1
TAB,187 FASTON,MAG-MATE



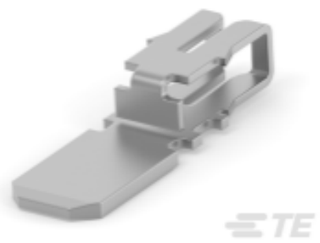
TE Part # 62512-1
MAG-MATE 30-27 187 F TAB TPBR



TE Part # 62904-1
MAG-MATE 187 TAB 020 TPBR



TE Part # 1217595-1
TAB, 063 SERIES, MAG-MATE



TE Part # 1742035-1
TAB,187 X 032 FASTON,MAG-MATE



TE Part # 62514-2
MAG-MATE 27-23 187 F TAB TPBR



TE Part # 63063-1
MAG-MATE POKE-IN 110F TAB TPBR



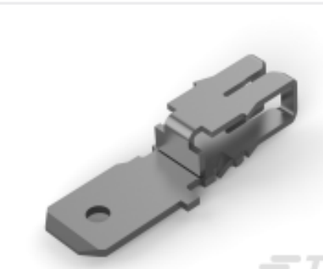
TE Part # 63669-1
MAG-MATE 187 F-TAB TPBR



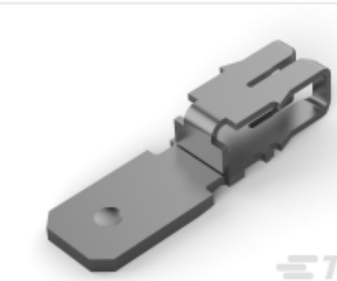
TE Part # 63713-2
TAB,187 MAG-MATE SLIM LN 082 B



TE Part # 63972-1
MAG-MATE 118 TAB MTA TPBR

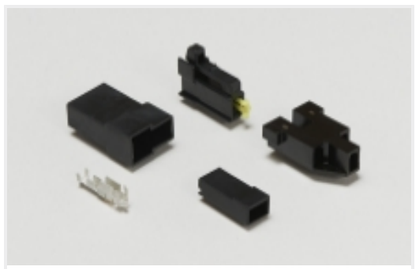


TE Part # 63340-1
MAG-MATE 187 FTAB #23 TPBR



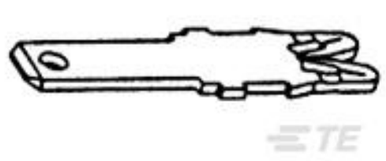
TE Part # 1217065-1
MAG-MATE 22-20 187 FTAB TPBR

Also in the Series | MAG-MATE 300



Magnet Wire Terminals(78)

Customers Also Bought



TE Part #1601005-2
131-012-002=TAB,110X020,STDSMZ

Documents

Product Drawings

MAG-MATE 22-20 187 F TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62511-1_AN.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62511-1_AN.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62511-1_AN.3d_stp.zip

English

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Datasheets & Catalog Pages

Magnet Wire Terminals & Splices

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English