63856-1 ✔ ACTIVE

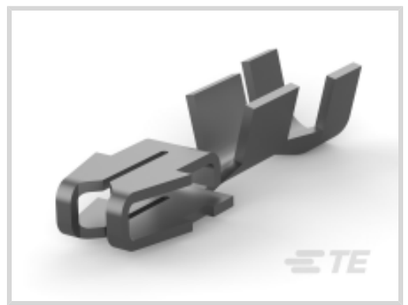
MAG-MATE | MAG-MATE 187

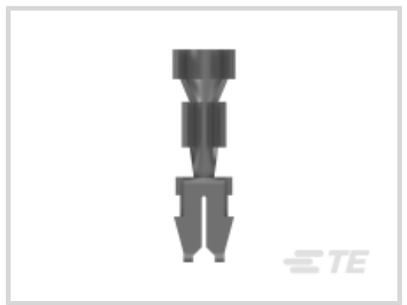
TE Internal #: 63856-1

F-Crimp, Size 1, Lead Wire Size 22 – 18 AWG, Lead Wire Size .3 – .8 mm², .36 – .45 mm Magnet Wire, MAG-MATE 187, Magnet Wire Terminals

View on TE.com >

Terminals & Splices > Magnet Wire Terminals







Magnet Wire Terminal Type: **F-Crimp**

Compatible With Cavity Size: **Size 1**

Compatible Insulation Diameter (Max): **2.23 mm [.088 in]**

Compatible Insulation Diameter Range: **1.8 – 2.23 mm [.071 – .088 in]**

Lead Wire Size: **22 – 18 AWG**

Features

Contact Features

Magnet Wire Terminal Type	F-Crimp
Terminal Plating Material	Tin
Contact Underplating Material	Copper
Terminal Orientation	Straight

Body Features

Compatible With Cavity Size	Size 1

Dimensions

Compatible Insulation Diameter (Max)	2.23 mm[.088 in]
Compatible Insulation Diameter Range	1.8 – 2.23 mm[.071 – .088 in]
Lead Wire Size	.3 – .8 mm²
Magnet Wire Size	.36 – .45 mm
Stock Thickness (Magnet Wire Side)	.33 mm[.013 in]
Product Length	11.86 mm[.466 in]
Terminal Height	4.75 mm[.187 in]

Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)

Packaging Features

Packaging Method	Reel, Reel/Carton

Operation/Application

Compatible With Wire Base Material	Copper

Product Type Features

Compatible With Discrete Wire Type	Solid, Magnet Wire

Mechanical Attachment

Wire Insulation Support	With

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 1217146-1
TERMINAL, F-CRIMP MAG-MATE



TE Part # 63856-2
TERMINAL, F-CRIMP, MAG-MATE



TE Part # 62609-1
MAG-MATE W/BBL 27-25 013 TPBR



TE Part # 63039-1
MAG-MATE W/BBL 33-31 010TPBR



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 # 1740698-2
MAG-MATE TERMINAL W. EXTENDED LEAF-SPRING



TE Part # 62610-1
MAG-MATE W/BBL 24-22 013 TPBR



TE Part # 63036-1
MAG-MATE W/BBL 30-28 013TPBR

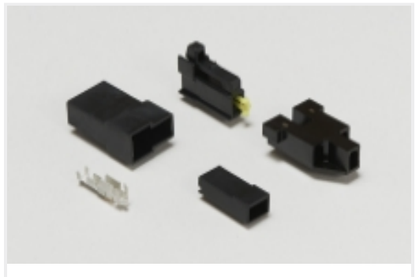


TE Part # 63235-1
MAG-MATE F CRMP 31-33 0126TPBR



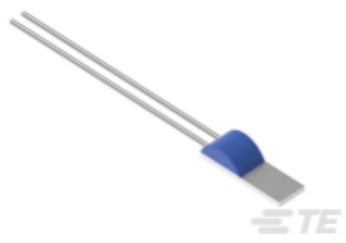
TE Part # 63237-1
MAG-MATE F CRMP 24-27 0126TPBR

Also in the Series | MAG-MATE 187



Magnet Wire Terminals(18)

Customers Also Bought



TE Part #NB-PTCO-189

Pt1000, 1.2x4.0, Class C, PTFM102C1G0

Documents

Product Drawings

TERM MAG-MATE F-CRIMP 0126TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_63856-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_63856-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_63856-1_G.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