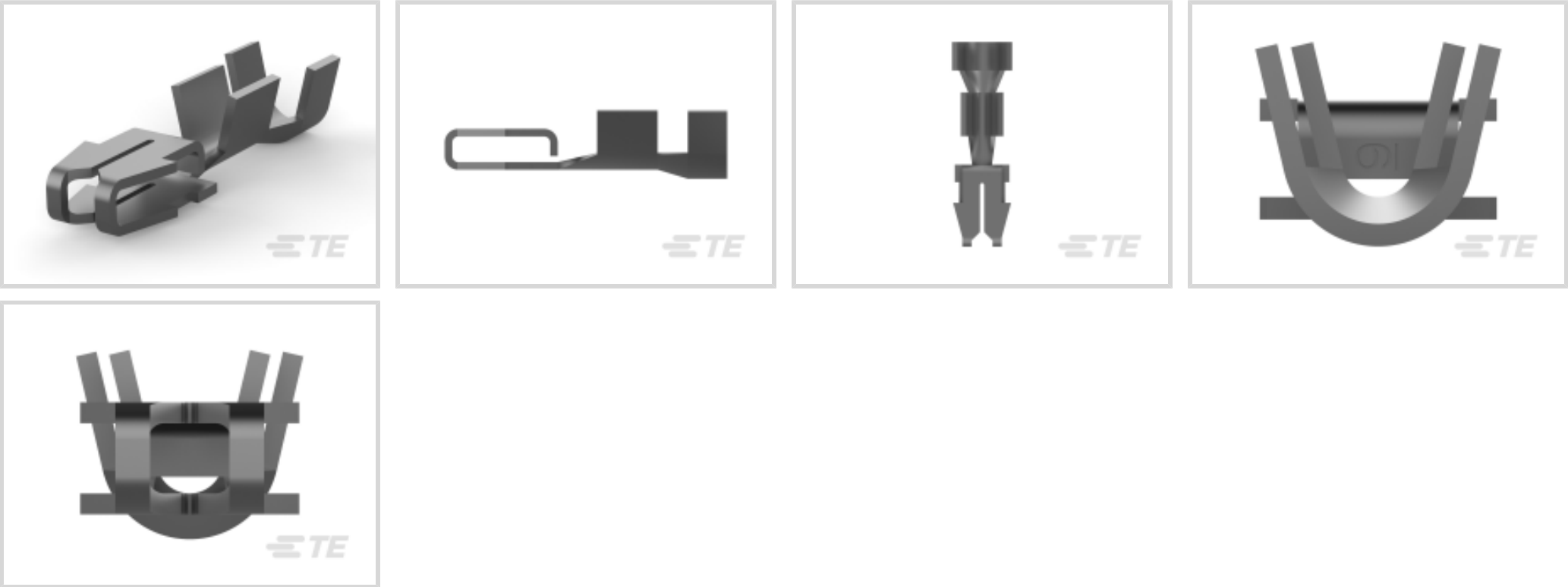


MAG-MATE

TE Internal #: 63856-1
MAG-MATE, Magnet Wire Terminals, F-Crimp, Terminal Height
4.75 mm [.187 in], Size 1
[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Terminal Type: **F-Crimp**
Terminal Height: **4.75 mm [.187 in]**
Cavity Size: **Size 1**
Magnet Wire Terminal Wire Insulation Diameter (Max): **2.23 mm [.088 in]**
Accepts Wire Insulation Diameter Range: **1.8 – 2.23 mm [.071 – .088 in]**

Features

Product Type Features

Magnet Wire Terminal Wire/Cable Type	Magnet Wire
Sealable	No

Body Features

Cavity Size	Size 1
Magnet Wire Terminal Plating Material	Tin

Contact Features

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

Termination Features

Magnet Wire Terminal Termination Method	Crimp, IDC Standard
---	---------------------

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions



Terminal Height	4.75 mm[.187 in]
Magnet Wire Terminal Wire Insulation Diameter (Max)	2.23 mm[.088 in]
Accepts Wire Insulation Diameter Range	1.8 – 2.23 mm[.071 – .088 in]
Lead Wire Size	22 – 18 AWG
Magnet Wire Size	27 – 25 AWG
Magnet Wire Terminal Material Thickness	.33 mm[.013 in]
Stock Thickness (Magnet Wire Side)	.33 mm[.013 in]
Magnet Wire Terminal Overall Length	11.86 mm[.466 in]

Usage Conditions

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

Packaging Features

Magnet Wire Terminal Packaging Method	Reel, Reel/Carton
---------------------------------------	-------------------

Other

Comment	Stranded, fused stranded or solid lead wire, Two magnet wires may be terminated in the same terminal slot if diameters are equal.
---------	---

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

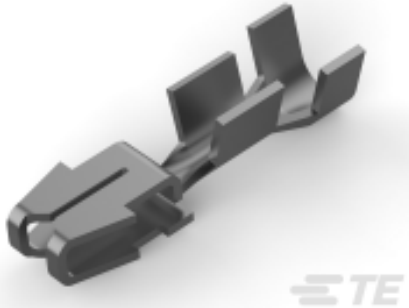
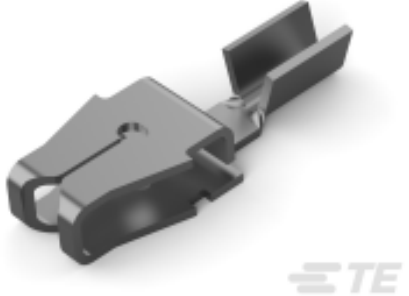
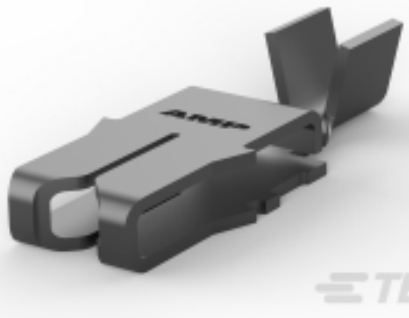
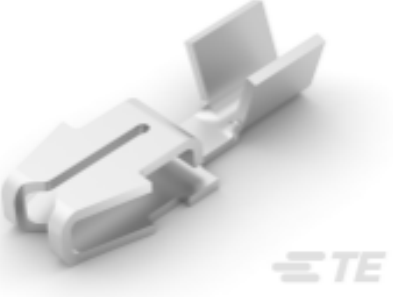
Product Compliance Disclaimer

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	 TE Part # 2178935-1 MAG-MATE W/BBL 22-18 013 TPBR

Also in the Series | MAG-MATE

 Insertion & Extraction Tools(8)	 Magnet Wire Terminals(468)	 PCB Terminals(1)
--	---	---



Customers Also Bought



TE Part #3-1971773-3
POWER TRIPLE LOCK STD TEMP PLUG



TE Part #2212011-1
PLUGGABLE BUSBAR CONNECT W /CLINCH NUTS



TE Part #2-2176092-6
RP 2A 0.25W 1K27 0.1% 25PPM 1K RL



TE Part #5-2176329-9
CRGP 1210 680K 1%



TE Part #2204273-2
IN-LINE MOUNT 500A BUSBAR CONN.



TE Part #3-1971772-3
POWER TRIPLE LOCK STD TEMP CAP



TE Part #965927-1
SPLICE F DRAHT+FFC



TE Part #170152-3
AMP SPLICE



TE Part #1814655-5
SIP IC Skt 10 SSR Sn/Au 0.75 RoHS



TE Part #2178531-1
CROWN CLIP JUNIOR CONNECTOR

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