

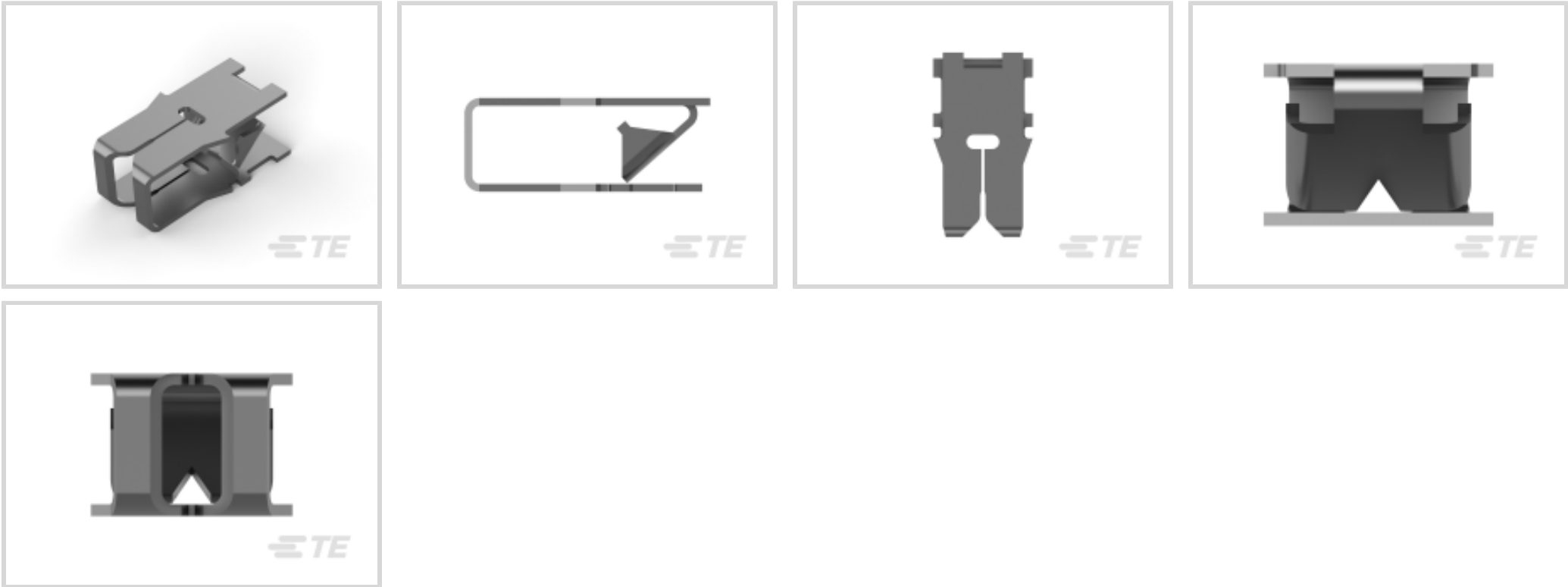


MAG-MATE

TE Internal #: 62527-1
Poke-In, 20 – 18 AWG Lead Wire, .5 – .9 mm² Lead Wire, .18 – .23 mm Magnet Wire, 33 – 31 AWG Magnet Wire, MAG-MATE, Magnet Wire Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Compatible With Cavity Size: **Size 2**
Lead Wire Size: **20 – 18 AWG**
Magnet Wire Size: **33 – 31 AWG**

Features

Identification Marking

Identification Number	4
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Usage Conditions

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Dimensions

Terminal Height	7.62 mm[.3 in]
Lead Wire Size	20 – 18 AWG
Magnet Wire Size	.18 – .23 mm
Stock Thickness (Magnet Wire Side)	.25 mm[.01 in]
Product Length	7.87 mm[.309 in]

Product Type Features

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Compatible With Discrete Wire Type	Solid, Magnet Wire
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Body Features

Compatible With Cavity Size	Size 2
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Contact Features

Magnet Wire Terminal Type	Poke-In
Terminal Plating Material	Tin
Terminal Orientation	Twisted

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention Type	Locking
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Operation/Application

Compatible With Wire Base Material	Copper
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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 # 1217026-1 MAG-MATE TERM 31-32 010 TPBR	 TE Part # 63662-1 MAG-MATE TERM 33-34 010TPBR	 TE Part # 63444-1 MAG-MATE 048 PIN LH 010TPBR	 TE Part # 63879-1 MAG-MATE 048 PIN 28-31 010TPBR
 TE Part # 63885-1 TERM MAG-MATE 27-30 013TPBR	 TE Part # 1742379-1 TERMINAL,POKE-IN,MAG-MATE	 TE Part # 62938-1 MAG-MATE POST 33-31 010 TPBR	 TE Part # 1217942-1 TERMINAL,POKE-IN,MAG-MATE
 TE Part # 63531-1 MAG-MATE F CRMP 31-33 0126TPBR	 TE Part # 737432-2 MAG-MATE POKE-IN TERMINAL	 TE Part # 63443-1 MAG-MATE 048 PIN RH 010TPBR	

Also in the Series | MAG-MATE

Insertion & Extraction Tools(6)	Magnet Wire Terminals(329)	PCB Terminals(1)



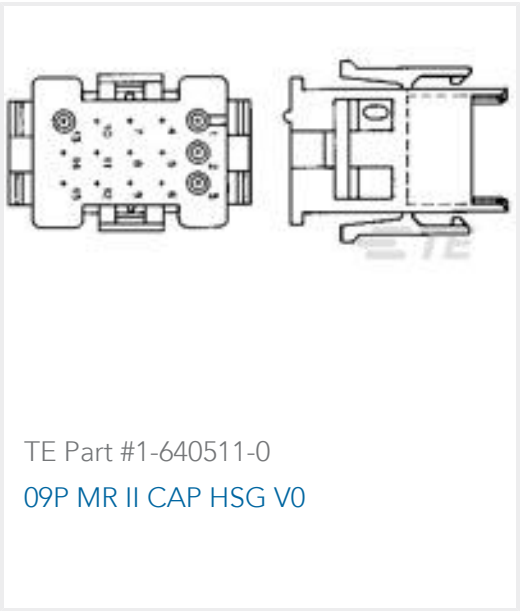
Customers Also Bought



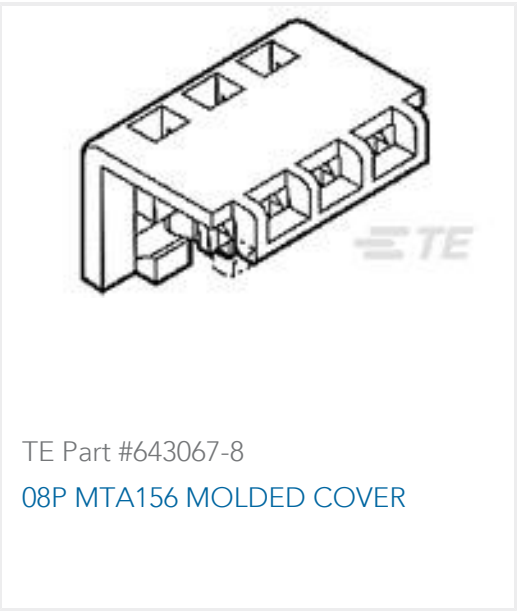
TE Part #89-03KA-0U
3K PSIA 316L MV PRESSURE SENSOR



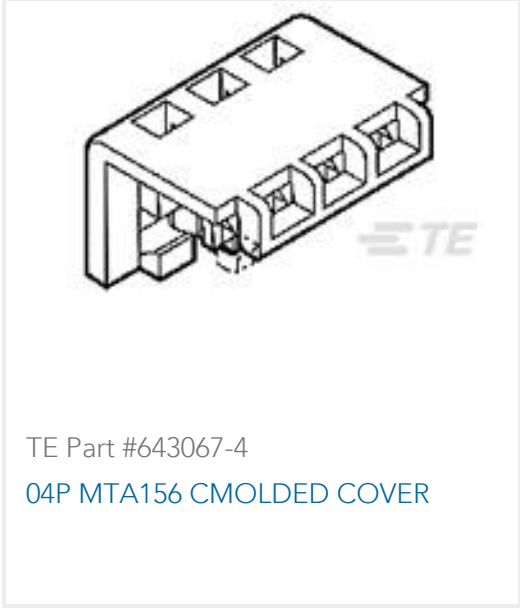
TE Part #T4012008031-000
M8,SCREW, FEMALE,R/A,UNSHIELD, 3P,GOLD



TE Part #1-640511-0
09P MR II CAP HSG V0



TE Part #643067-8
08P MTA156 MOLDED COVER



TE Part #643067-4
04P MTA156 CMOLDED COVER



TE Part #3-2176370-6
RQ 0603 1K0 0.1% 10PPM 5K RL



TE Part #9-2176369-7
RQ 0603 402R 0.1% 10PPM 5K RL



TE Part #62526-1
MAG-MATE TERM 27-30 013 TPBR



TE Part #2396440-6
MG-MATE INSERTER, ARBOR PRESS



TE Part #2396440-7
MG-MATE INSERTER, ARBOR PRESS

Documents

Product Drawings

MAG-MATE TERM 31-32 010 TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_62527-1_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_62527-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_62527-1_P.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

Agency Approvals
UL Report

English