

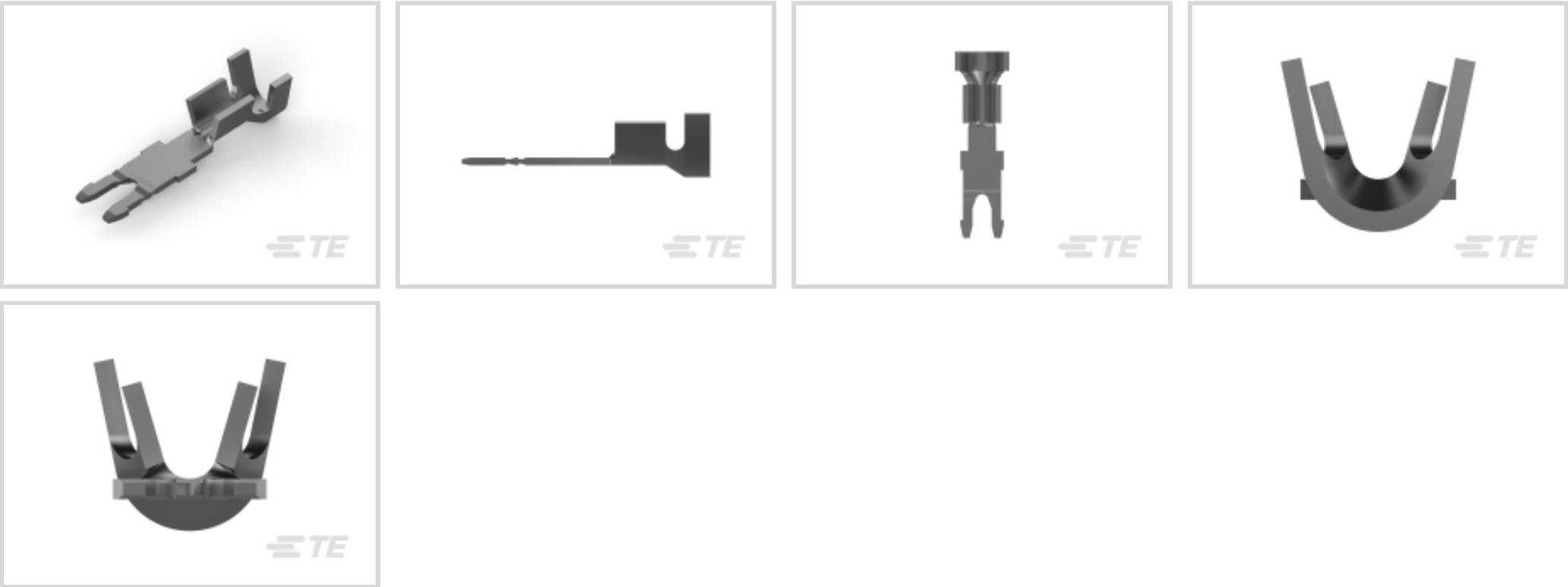


MAG-MATE

TE Internal #: 281623-2
Poke-In, Lead Wire Size 22 – 18 AWG, Lead Wire Size .326 – .8 mm², Crimp / Insulation Displacement (IDC), MAG-MATE, Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Compatible Insulation Diameter (Max): **3 mm [.118 in]**
Compatible Insulation Diameter Range: **3 mm [.118 in]**
Lead Wire Size: **.326 – .8 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Solid, Stranded
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
Crimp Area Length	7.87 mm[.31 in]

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Height	3.37 mm[.133 in]
Compatible Insulation Diameter (Max)	3 mm[.118 in]
Compatible Insulation Diameter Range	3 mm[.118 in]



Lead Wire Size	.326 – .8 mm²
Stock Thickness (Magnet Wire Side)	.45 mm[.018 in]
Product Length	18.4 mm[.722 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel, Reel/Carton
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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 # 62895-1
MAG-MATE POKE-IN TAB 018 TPBR

TE Part # 1217470-1
TAB MAG-MATE POKE-IN 22-18

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

KIT
TE Part # 7-2836153-7
OC-090F140F-CRIMPTOOLINGKIT

Also in the Series | **MAG-MATE**

Insertion & Extraction Tools(6)

Magnet Wire Terminals(337)

PCB Terminals(1)

Customers Also Bought

TE Part #104257-7
08 MTE RCPT HSG SR LATCH .100

TE Part #825433-4
MOD 2 PINHDR 1X4 P.

TE Part #794958-1
VAL-U-LOK SKT BR SN 22-26AWG

TE Part #640311-5
MINI AMP-IN 22-18 AWG POST TIN PLTD

TE Part #61188-1
250 FASTON FLAG REC 16-12 AWG TPBZ

TE Part #925819-3
MINI AMP-IN 26-22 AWG

TE Part #2232905-1
EP 2.5 LIF RCPT CONTACT, 26-22 AWG

TE Part #1-825433-0
MOD 2 PINHDR 1X10P.

Documents

Product Drawings
MAG-MATE TERMINALS

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_281623-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281623-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281623-2_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

English

Product Specifications

[Application Specification](#)

English