



MAG-MATE

TE Internal #: 281622-2
Magnet Wire Terminals, Poke-In, Lead Wire Size 22 – 18 AWG,
Lead Wire Size .326 – .8 mm², Insulation Displacement (IDC) /
Crimp, MAG-MATE

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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 |
|------------------------------------|-----------------|

Contact Features

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

Termination Features

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|------------------------------------|--------------------------------------|
| Termination Method to Wire & Cable | Crimp, Insulation Displacement (IDC) |
| Crimp Area Length | 7.9 mm[.31 in] |

Mechanical Attachment

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

Dimensions

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|--------------------------------------|------------------|
| Terminal Height | 3.27 mm[.129 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[.724 in] |

Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

Operation/Application

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|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

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|------------------|-------------------|
| Packaging Method | Reel, Reel/Carton |
|------------------|-------------------|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 1599986-1
MAG MATE POKE-IN DUAL TAB

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

TE Part # 2-2836153-1
OC-PA-S-FM-090F140F-001-0201

TE Part # 2-2836153-2
OC-PA-S-FA-090F140F-001-0201

TE Part # 2836153-1
OC-AT-S-FM-090F140F-001-0201

TE Part # 2836153-2
OC-AT-S-FA-090F140F-001-0201

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

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

Insertion & Extraction Tools(6)

Magnet Wire Terminals(435)

PCB Terminals(1)

Customers Also Bought

TE Part #1586000-4
4P FH PLUG VAL-U-LOK V2

TE Part #281852-2
PL 250 REC HSG 4P NYLON BLACK

TE Part #926882-1
UMNL SOK 20-14 PTPBR

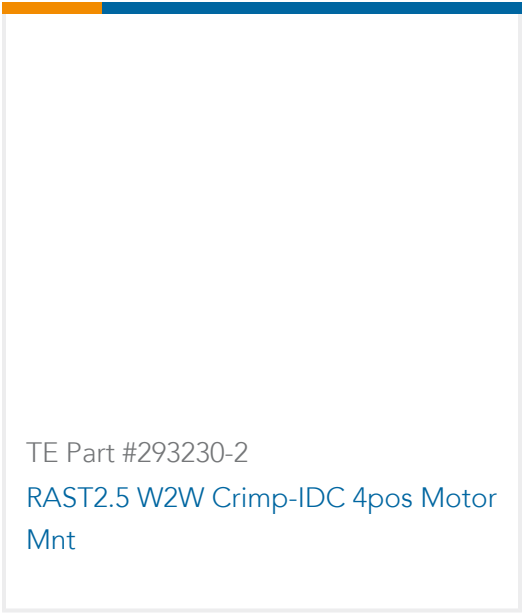
TE Part #293041-2
FF 250 TAB 0.35-1.0MM2 TPBR

TE Part #62306-2
AMVAR SPLC 1500-5000 020TPBR

TE Part #350777-1
02P UMNL PLUG HSG

TE Part #3-293041-2
FASTIN FASTON 250 TAB 0.35-1.00 MM2 PTPBR

TE Part #459581-1
BLADE SLUG



Documents

Product Drawings

MAG-MATE TAB STD SNPL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_281622-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_281622-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_281622-2_D.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 Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English