



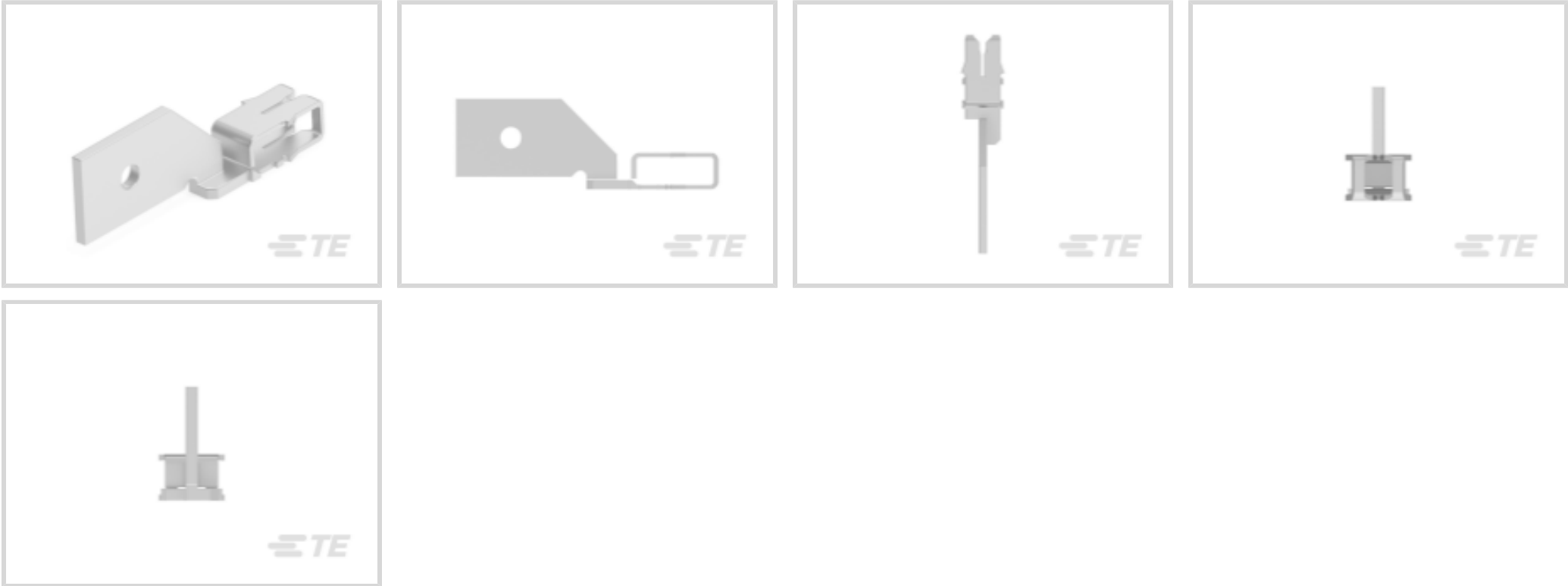
TE Internal #: 2825663-3

Tab, 6.35 mm [.25 in] Tab Width, .57 – .72 mm Aluminum Wire, .45 – .64 mm Magnet Wire, 25 – 22 AWG Magnet Wire, Magnet Wire

Terminals

[View on TE.com >](#)

Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Tab**

Mating Tab Width: **6.35 mm [.25 in]**

Mating Tab Thickness: **.81 mm [.032 in]**

Compatible With Cavity Size: **114 - 2046**

Aluminum Wire Size: **.57 – .72 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire
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Body Features

Compatible With Cavity Size	114 - 2046
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Contact Features

Magnet Wire Terminal Type	Tab
Mating Tab Width	6.35 mm[.25 in]
Mating Tab Thickness	.81 mm[.032 in]
Terminal Plating Material	Tin
Contact Underplating Material	Brass
Terminal Orientation	Flag

Termination Features

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

Mating Retention Type	Barbs
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Dimensions

Aluminum Wire Size	.57 – .72 mm
Magnet Wire Size	.45 – .64 mm
Stock Thickness (Magnet Wire Side)	.79 mm
Product Length	21.21 mm[.835 in]

Usage Conditions

Operating Temperature Range	-65 – 150 °C[-85 – 302 °F]
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Bag/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 reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling



based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 1-160301-6
250 FASTON,REC.,10-12 AWG,TPBR

TE Part # 1-160304-2
250 FASTON,REC.,14-17AWG,TPBR

Customers Also Bought

TE Part #2825082-1
CLUSTER BLOCK HSG PBT

TE Part #62935-1
MAG-MATE TERM 27-23 016 TPBR

TE Part #2232237-1
MAG-MATE W/250 CONN TAB TPBR

TE Part #2232555-3
MAG-MATE W/250 CONN TAB TPBR

TE Part #2825083-1
CLUSTER PIN REC

TE Part #62420-1
MAG-MATE TERM 20-22 016 TPBR

TE Part #63658-1
MAG MATE TERM 25-22 016TPBR

Documents

- Product Drawings

MAG-MATE W/250 CONN TAB TPBR

English
- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2825663-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2825663-3_A.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_2825663-3_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[apl-flyer-mag-mate-asl-wire-npi-en](#)

English

Product Specifications

[Application Specification](#)

English