

2401610-1 ✓ ACTIVE

MAG-MATE | MAG-MATE 200

TE Internal #: 2401610-1

Poke-In, Mating Tab Width 2.92 mm [.115 in], Special, .45 – .57 mm

Aluminum Wire, .36 – .51 mm Magnet Wire, MAG-MATE 200,

Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**

Mating Tab Width: **2.92 mm [.115 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Compatible With Cavity Size: **Special**

Aluminum Wire Size: **.45 – .57 mm**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire
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Configuration Features

Strip Orientation	Side Feed
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Body Features

Compatible With Cavity Size	Special
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Contact Features

Crimp Type	IDC
Magnet Wire Terminal Type	Poke-In
Mating Tab Width	2.92 mm [.115 in]
Mating Tab Thickness	.51 mm [.02 in]
Terminal Plating Material	Post-Tin
Contact Underplating Material	None
Terminal Orientation	Straight



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

	.21 in
Aluminum Wire Size	.45 – .57 mm
Magnet Wire Size	.36 – .51 mm
Stock Thickness (Magnet Wire Side)	.32 mm[.32 in]
Product Length	5.33 mm[.21 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Identification Marking

Identification Number	15
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Packaging Features

Packaging Quantity	10000
Packaging Method	Reel/Carton

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

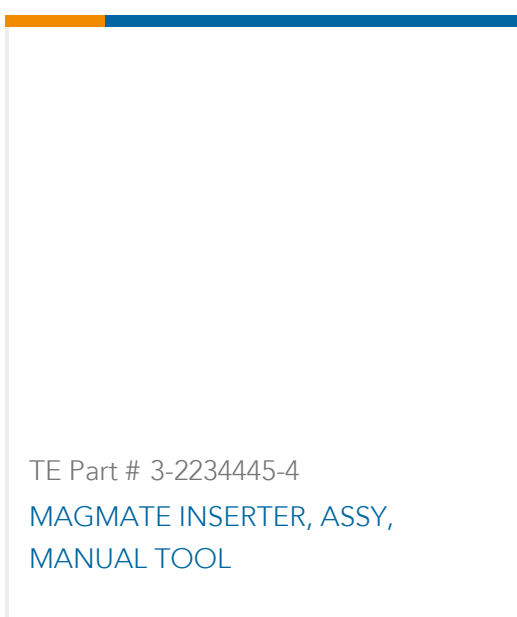
Solder Process Capability

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

Also in the Series | **MAG-MATE 200**

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2401610-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2401610-1_A.3d_stp.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2401610-1_A.3d_igs.zip](#)

English

[3D PDF](#)

3D

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Product Specifications

[Product Specification](#)

English

[MAG-MATE* Series 200 Terminals](#)

English