1247001-3 ✔ ACTIVE

MAG-MATE | MAG-MATE 300

TE Internal #: 1247001-3

Multispring Pin Magnet Wire Terminal, 28 – 25 AWG, .32 – .45 mm, Insulation Displacement (IDC), Tin Plating, 14.8 mm [.582 in] Length, MAG-MATE 300

View on TE.com >

Terminals & Splices > Magnet Wire Terminals







Magnet Wire Terminal Type: **Multispring Pin**

Mating Pin Diameter: **.8 mm [.031 in]**

Magnet Wire Size: **.32 – .45 mm**

Termination Method to Wire & Cable: **Insulation Displacement (IDC)**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid

Contact Features

Magnet Wire Terminal Type	Multispring Pin
Mating Pin Diameter	.8 mm[.031 in]
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Dimensions

Terminal Height	7.6 mm[.3 in]
Magnet Wire Size	.32 – .45 mm
Stock Thickness (Magnet Wire Side)	.32 mm[.013 in]
Product Length	14.8 mm[.582 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Aluminum

Identification Marking

Identification Number	6

Packaging Features

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 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 # 1247003-3
MAGMATE "300 SERIES" WITH MULTISPRING



TE Part # 1247001-2
MAGMATE "300 SERIE" WITH MULTISPRING PIN



TE Part # 2238145-3
MAGMATE 300 SERIES WITH MULTISPRING PIN



TE Part # 2238145-2
MAGMATE 300 SERIES WITH MULTISPRING PIN



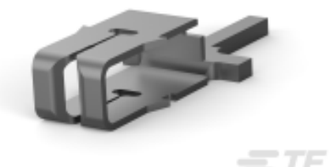
TE Part # 1247004-2
MAGMATE "300 SERIE" WITH MULTISPRING PIN



TE Part # 1247002-3
MAGMATE "300 SERIES" WITH MULTISPRING



TE Part # 1247002-2
MAGMATE "300 SERIE" WITH MULTISPRING PIN



TE Part # 1247000-2
MAGMATE "300 SERIE" WITH MULTISPRING PIN

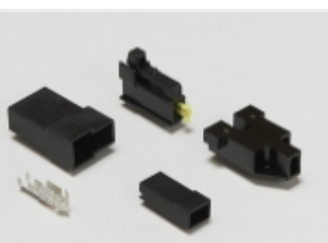


TE Part # 1247003-2
MAGMATE "300 SERIES" W/H MULTISPRING PIN



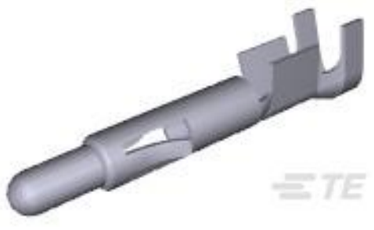
TE Part # 1247004-3
MAGMATE "300 SERIES" WITH MULTISPRING

Also in the Series | MAG-MATE 300



Magnet Wire Terminals(78)

Customers Also Bought



TE Part #350547-1
UMNL PIN 20-14 PTPBR L/P



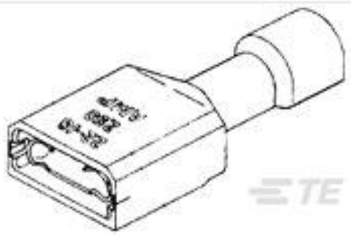
TE Part #350550-1
UMNL SOK 20-14 PTPBR L/P



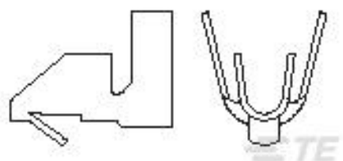
TE Part #350809-1
05P UMNL PLUG HSG



TE Part #350810-1
05P UMNL CAP HSG



TE Part #4-520448-2
ULTRAFAST 250 ASSY REC 12-10 TPBR LP



TE Part #3-770565-1
MINI AMP-IN 22-18 AWG SN/BRASS LF



TE Part #1-770968-1
04P MINI UMNL R/A HDR ASSY LF



TE Part #1-770974-0
16P MINI UMNL R/A HDR ASSY SN



TE Part #1-794078-0
22P MINI UMNL HDR W/O DH SN LF



TE Part #8-1601046-1
331-101-000=WIRE2WIRE,STD,SMZ

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1247001-3_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1247001-3_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1247001-3_A.3d_stp.zip

English

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Product Specifications

Application Specification

English