

63454-1 ✓ ACTIVE

TE Internal #: 63454-1

Magnet Wire Terminals, Receptacle, .82 – 2 mm Magnet Wire, 18 – 14 AWG Magnet Wire, Crimp, Crimp Area Length 6.86 mm [.27 in], Tin Plating

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Receptacle**

Mating Pin Diameter: **3.18 mm [.125 in]**

Accepts Wire Insulation Diameter (Max): **3.18 mm [.125 in]**

Accepts Wire Insulation Diameter Range: **1.9 – 3.18 mm [.075 – .125 in]**

Magnet Wire Size: **.82 – 2 mm**

Features

Product Type Features

Wire Insulation Support Retention Type	Insulation Support
Compatible With Discrete Wire Type	Magnet Wire, Solid
Sealable	No

Contact Features

Magnet Wire Terminal Type	Receptacle
Mating Pin Diameter	3.18 mm [.125 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Crimp Area Length	6.86 mm [.27 in]

Mechanical Attachment

Wire Insulation Support	With
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Housing Features



Housing Retention Force	Standard
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Dimensions

Terminal Height	6.1 mm[.24 in]
Accepts Wire Insulation Diameter (Max)	3.18 mm[.125 in]
Accepts Wire Insulation Diameter Range	1.9 – 3.18 mm[.075 – .125 in]
Magnet Wire Size	18 – 14 AWG
Stock Thickness (Magnet Wire Side)	.51 mm[.02 in]
Overall Product Length	22.1 mm[.87 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Aluminum, Copper
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Packaging Features

Packaging Quantity	9000
Packaging Method	Reel

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)


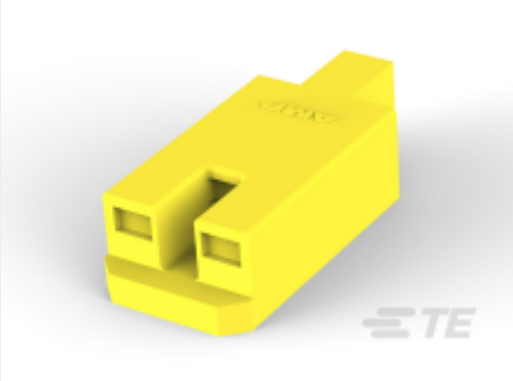










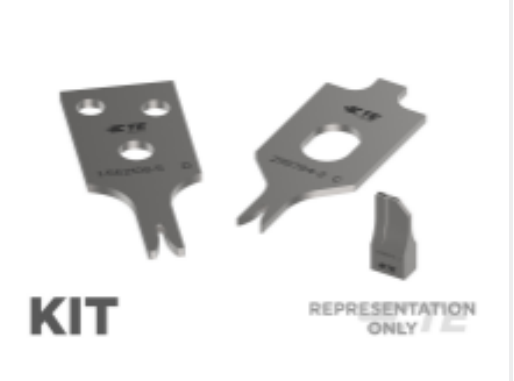

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

 <p>TE Part # 360052-1 125 DIA CLSTR BLK</p>	 <p>TE Part # 360051-1 CLUSTER BLOCK</p>	 <p>TE Part # 520995-1 .125 CLUSTER BLOCK HSG</p>	 <p>TE Part # 1217186-1 CLUSTER BLOCK HOUSING</p>
 <p>TE Part # 1217200-1 CLUSTER BLOCK HOUSING</p>	 <p>TE Part # 1217261-1 HSG .125 CLUSTER BLOCK NAT</p>	 <p>TE Part # 1217181-1 CLUSTER BLOCK HSG.</p>	 <p>TE Part # 1217187-1 CLUSTER BLOCK HOUSING</p>
 <p>TE Part # 2-2150543-2 OCEAN-2.0-APPLICATOR-E-110F155F</p>	 <p>TE Part # 2150543-2 OCEAN-2.0-APPLICATOR-E-110F155F</p>	 <p>TE Part # 2161850-2 APT-5A DIRECT CONNECT</p>	 <p>TE Part # 7-2150543-2 OCEAN-2.0-APPLICATOR-E-110F155F</p>
 <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2150543-7 OCEAN_2.0_SPARE_PART_KIT-110F155F</p>	 <p>TE Part # 2161950-2 APT-5E DIRECT CONNECT</p>		

Customers Also Bought



TE Part #4-1630012-0
HSC150 200R 5%



TE Part #61187-1
250 FASTON FLAG REC 12-10 AWG
PHBZ



TE Part #2-179553-2
DYNAMIC D-3200S TAB HSG 2P K/Y



TE Part #42563-8
250 FASTON FLAG REC 12-10 AWG
TPBZ



TE Part #1394759-1
MAG MATE CONT.MKII



TE Part #1217175-1
CLUSTER BLOCK RECPT.



TE Part #459581-1
BLADE SLUG



TE Part #459585-1
CRIMPER AMPLIVAR SPLICE



TE Part #60274-5
250 FASTON FLAG REC 18-12 AWG
TPBR

Documents

Product Drawings

[Cluster Block Recpt Amplivar 1500-4200](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_63454-1_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63454-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63454-1_S.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 Specifications

Application Specification

English

Product Environmental Compliance

[MD_63454-1_100720142220_dmtec](#)

English

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English