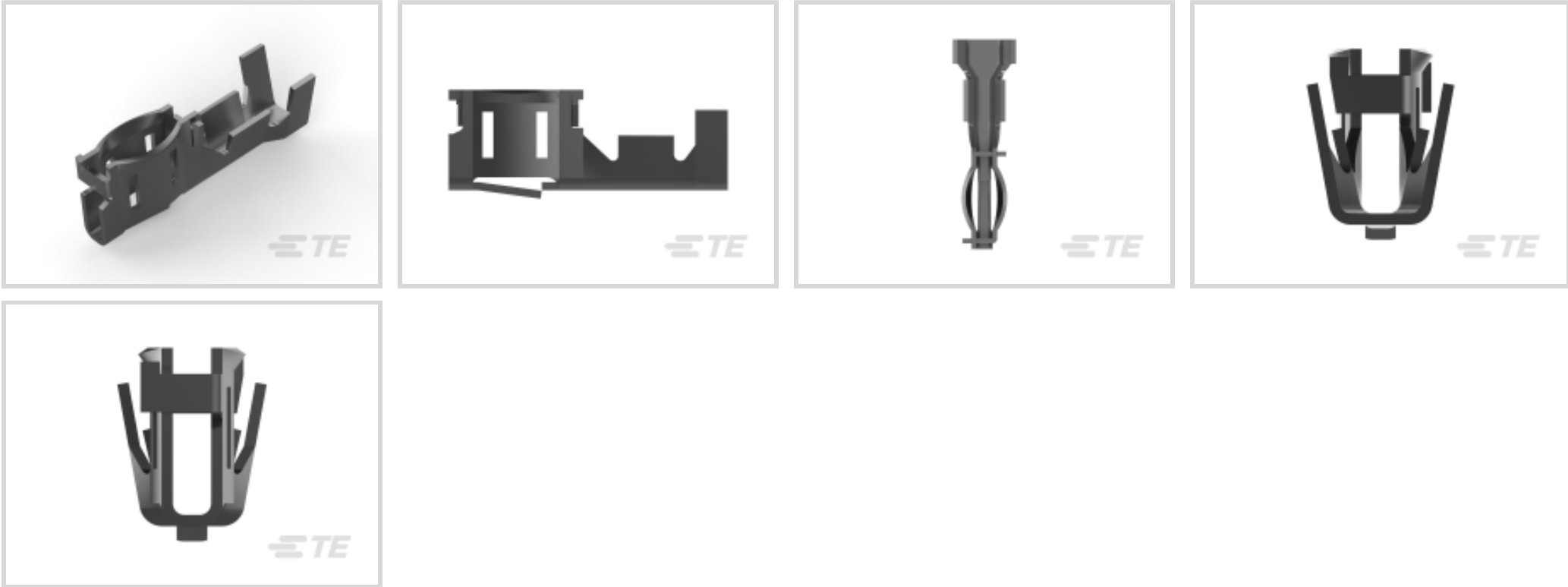




Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Receptacle**

Mating Pin Diameter: **2.29 mm [.09 in]**

Accepts Wire Insulation Diameter (Max): **3.4 mm [.134 in]**

Accepts Wire Insulation Diameter Range: **2 – 3.4 mm [.079 – .134 in]**

Lead Wire Size: **20 – 16 AWG**

Features

Product Type Features

Wire Insulation Support Retention Type	Insulation Support
Compatible With Discrete Wire Type	Stranded

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Crimp Type	F-Crimp
Magnet Wire Terminal Type	Receptacle
Mating Pin Diameter	2.29 mm[.09 in]
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
Crimp Area Length	6.13 mm[.241 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 mm[.236 in]
Accepts Wire Insulation Diameter (Max)	3.4 mm[.134 in]
Accepts Wire Insulation Diameter Range	2 – 3.4 mm[.079 – .134 in]
Lead Wire Size	.518 – 1.31 mm²
Magnet Wire Size	20 – 16 AWG
Stock Thickness (Magnet Wire Side)	.37 mm[.015 in]
Overall Product Length	20.6 mm[.811 in]

Usage Conditions

Insulation Option	Uninsulated
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Quantity	5000
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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 171370-3 CLUSTER BLOCK HSG PBT	 TE Part # 1-171370-1 2.3 DIA CLUSTER BLOCK HSG	 TE Part # 1-171370-2 2.3DIA CLUSTER BLOCK	 TE Part # 171370-5 CLUSTER BLOCK HSG PBT
 TE Part # 2150087-2 OCEAN_2.0_APPLICATOR-E-090F150FA	 TE Part # 1-2005820-1 CLUSTER BLOCK 3P CLIP HSG	 TE Part # 171370-6 CLUSTER BLOCK HSG 66 0023	 TE Part # 171370-7 CLUSTER BLOCK HSG LCP
 TE Part # 2-2150087-1 OCEAN_2.0_APPLICATOR-E-090F150F	 TE Part # 2-2150087-2 OCEAN_2.0_APPLICATOR-E-090F150FA	 TE Part # 2005820-1 CLUSTER BLOCK 3P CLIP HSG	 TE Part # 2150087-1 OCEAN_2.0_APPLICATOR-E-090F150F
 TE Part # 7-2150087-1 OCEAN_2.0_APPLICATOR-E-090F150F	 TE Part # 7-2150087-2 OCEAN_2.0_APPLICATOR-E-090F150FA	 TE Part # 7-2150087-7 OCEAN_2.0_SPARE_PART_KIT-090F150F	 TE Part # 737110-3 CLUSTER BLOCK HSG VO WHI



Customers Also Bought



TE Part #917693-1
2.5 SIGNAL D/LOCK PLUG HSG 9P



TE Part #1565080-1
GRACE INERTIA 3.5 TAB CONTACT(L)



TE Part #170466-1
187 FASTON,REC.,18-14 AWG,TPBR



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



TE Part #175057-2
250 PL EX FLAG REC. 18-12AWG PTBR



TE Part #170326-5
187 PL MKII REC. 18-14AWG PTPB



TE Part #1827386-1
GIC 3.3 PLUG HOUSING 6P



TE Part #316293-1
3.2 CLUSTER BLOCK HSG NATURAL



TE Part #440456-1
67544-51 BS2 TERMINAL



TE Part #60873-1
250 FASTON FLAG REC 16-12 AWG TPBZ

Documents

- CAD Files

Customer View Model

ENG_CVM_CVM_170063-2_AB.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170063-2_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170063-2_AB.3d_stp.zip

English

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

- Product Specifications

Application Specification

English



Product Environmental Compliance

[MD_170063-2_08272018013_dmtec](#)

English

[MD_170063-2_08272018013_dmtec](#)

English

Agency Approvals

[Agency Approval Document](#)

English