

62609-1 ✓ ACTIVE

MAG-MATE | MAG-MATE 187

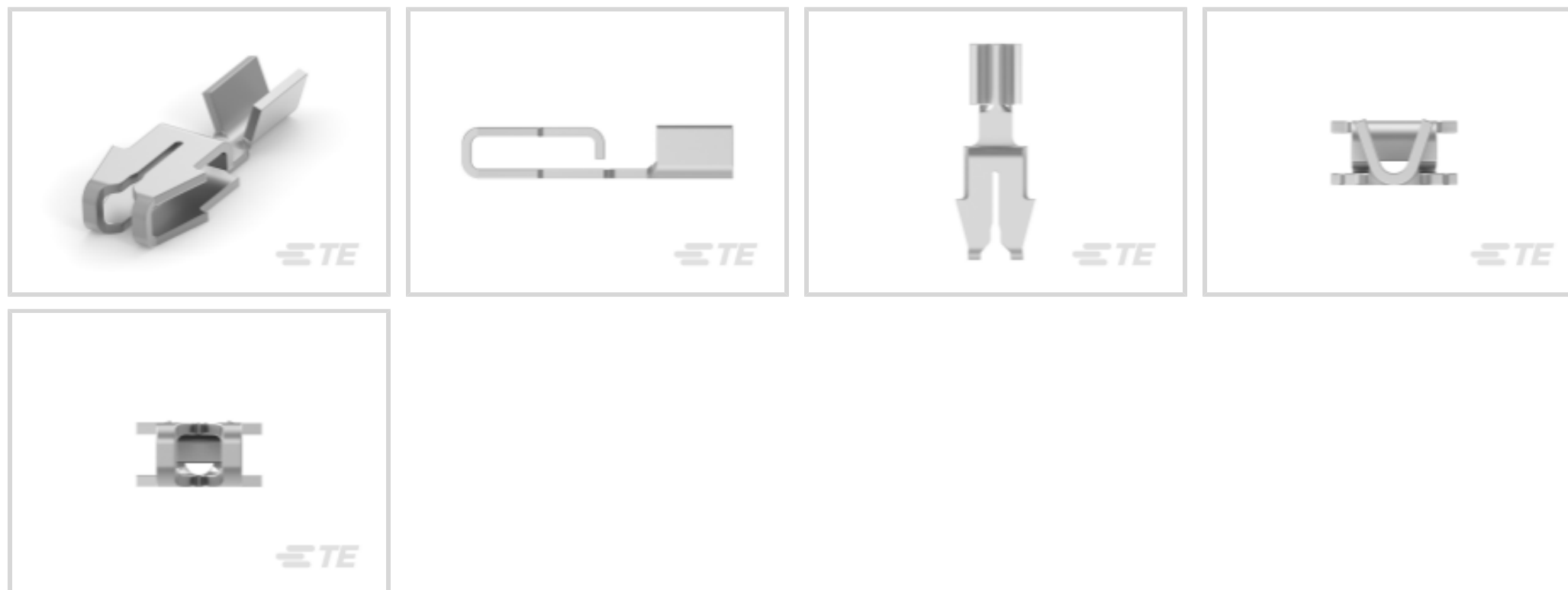
TE Internal #: 62609-1

F-Crimp, Size 1, Lead Wire Size 26 – 22 AWG, Lead Wire Size .12 – .4 mm², .36 – .45 mm Magnet Wire, MAG-MATE 187, Magnet Wire Terminals

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **F-Crimp**

Compatible With Cavity Size: **Size 1**

Lead Wire Size: **.12 – .4 mm²**

Magnet Wire Size: **27 – 25 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Body Features

Compatible With Cavity Size	Size 1
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Contact Features

Magnet Wire Terminal Type	F-Crimp
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Terminal Plating Material	Tin
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Terminal Orientation	Straight
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Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
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Crimp Area Length	2.54 mm[.1 in]
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Dimensions

Terminal Height	4.75 mm[.187 in]
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Lead Wire Size	.12 – .4 mm ²
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Magnet Wire Size	.36 – .45 mm
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Stock Thickness (Magnet Wire Side)	.31 mm[.012 in]
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Product Length	9.02 mm[.355 in]
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Usage Conditions

Insulation Option	Uninsulated
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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	Reel, Reel/Carton
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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



Also in the Series | **MAG-MATE 187**



Customers Also Bought





Documents

Product Drawings

[MAG-MATE W/BBL 27-25 013 TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_62609-1_AJ.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62609-1_AJ.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_62609-1_AJ.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

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Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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