

63690-1 ✓ ACTIVE

MAG-MATE

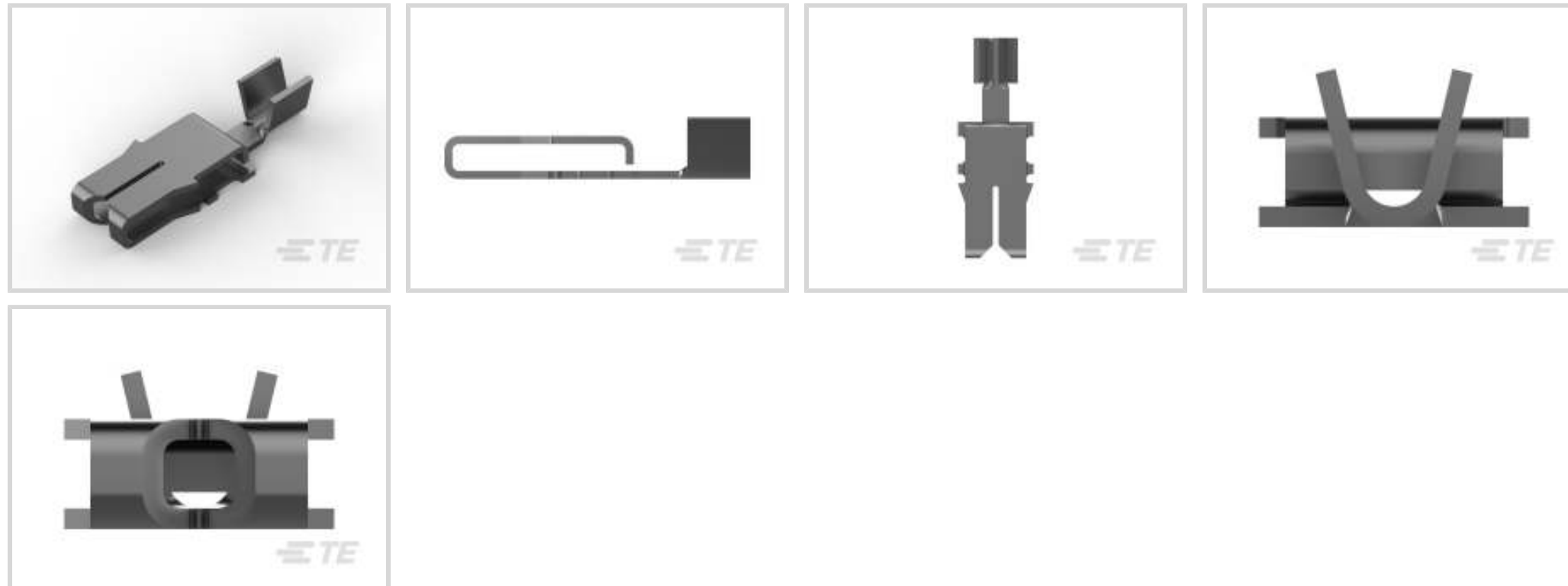
TE Internal #: 63690-1

Magnet Wire Terminals, F-Crimp / Dual Connection Terminal, Size 6, Lead Wire Size 22 – 18 AWG, Lead Wire Size .3 – .8 mm², MAG-MATE

[View on TE.com >](#)



Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Dual Connection Terminal, F-Crimp**

Compatible With Cavity Size: **Size 6**

Lead Wire Size: **.3 – .8 mm²**

Magnet Wire Size: **25 – 22 AWG**

Features

Product Type Features

Wire Insulation Support Retention Type	Non-Insulation Support
Compatible With Discrete Wire Type	Magnet Wire, Solid

Body Features

Compatible With Cavity Size	Size 6
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Contact Features

Crimp Type	IDC
Magnet Wire Terminal Type	Dual Connection Terminal, F-Crimp
Terminal Plating Material	Tin
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Dimensions

Terminal Height	7.62 mm[.3 in]
Lead Wire Size	.3 – .8 mm ²



Magnet Wire Size	.45 – .64 mm
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Product Length	12.32 mm [.485 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	Aluminum, Copper
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Identification Marking

Identification Number	12
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Industry Standards

Agency/Standard	RU (UL Component Program)
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Packaging Features

Packaging Method	Reel, Reel/Carton
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Other

Terminals & Splices Comment	Part available upon special request., Stranded, fused stranded or solid lead wire, Two magnet wires may be terminated in the same terminal slot if diameters are equal, except 0.64 mm [22 AWG].
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Product Compliance

[For compliance documentation, visit the product page on 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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**



Insertion & Extraction Tools(7)

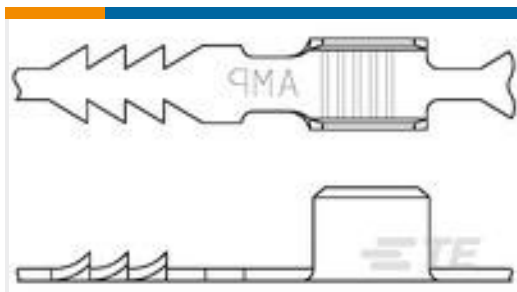


Magnet Wire Terminals(435)



PCB Terminals(1)

Customers Also Bought

TE Part #62192-1
BOBBIN TAB .016TPBRTE Part #62131-3
CLSTR PIN RCPT

Documents

Product Drawings

[MAG-MATE F CRIMP22-25 0126TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_63690-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63690-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_63690-1_G.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

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Magnet Wire Terminals, F-Crimp / Dual Connection Terminal, Size 6, Lead Wire Size
22 – 18 AWG, Lead Wire Size .3 – .8 mm², MAG-MATE



Product Environmental Compliance

TE Material Declaration

English