

MAG-MATE

TE Internal #: 62896-1
Poke-In, 22 – 18 AWG Lead Wire, .3 – .9 mm² Lead Wire, Crimp /
Insulation Displacement (IDC), MAG-MATE, Magnet Wire Terminals
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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Poke-In**
Compatible Insulation Diameter (Max): **2.54 mm [.1 in]**
Compatible Insulation Diameter Range: **1.52 – 2.54 mm [.06 – .1 in]**
Lead Wire Size: **22 – 18 AWG**

Features

Product Type Features

Compatible With Discrete Wire Type	Magnet Wire, Solid
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Contact Features

Magnet Wire Terminal Type	Poke-In
Terminal Plating Material	Tin
Terminal Orientation	Flag

Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
Crimp Area Length	8.2 mm[.323 in]

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Terminal Height	6.98 mm[.275 in]
Compatible Insulation Diameter (Max)	2.54 mm[.1 in]
Compatible Insulation Diameter Range	1.52 – 2.54 mm[.06 – .1 in]
Lead Wire Size	22 – 18 AWG



Stock Thickness (Magnet Wire Side)	.46 mm[.018 in]
Product Length	12.52 mm[.493 in]

Usage Conditions

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

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>

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1217041-1
TAB, POKE IN PCB 020 TPCUBR

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 63410-1
MAG-MATE POKE IN TAB .020PTPBR

TE Part # 2151116-2
OCEAN_2.0_Applicator-S-090F140F-RSA

TE Part # 62895-1
MAG-MATE POKE-IN TAB 018 TPBR

TE Part # 63364-1
MAG-MATE TAB 22-18 018PTPBR

TE Part # 63218-1
MAG-MATE POKE-IN TAB 018PTPBR

TE Part # 1217470-1
TAB MAG-MATE POKE-IN 22-18

TE Part # 7-2151116-7
OCEAN_2.0_SPARE_PART_KIT-090F140F

TE Part # 2151116-1
OCEAN_2.0_Applicator-S-090F140F-RSM

TE Part # 62897-1
MAG-MATE POKE-IN TAB 020 TPBR

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

Insertion & Extraction Tools(6)

Magnet Wire Terminals(329)

PCB Terminals(1)

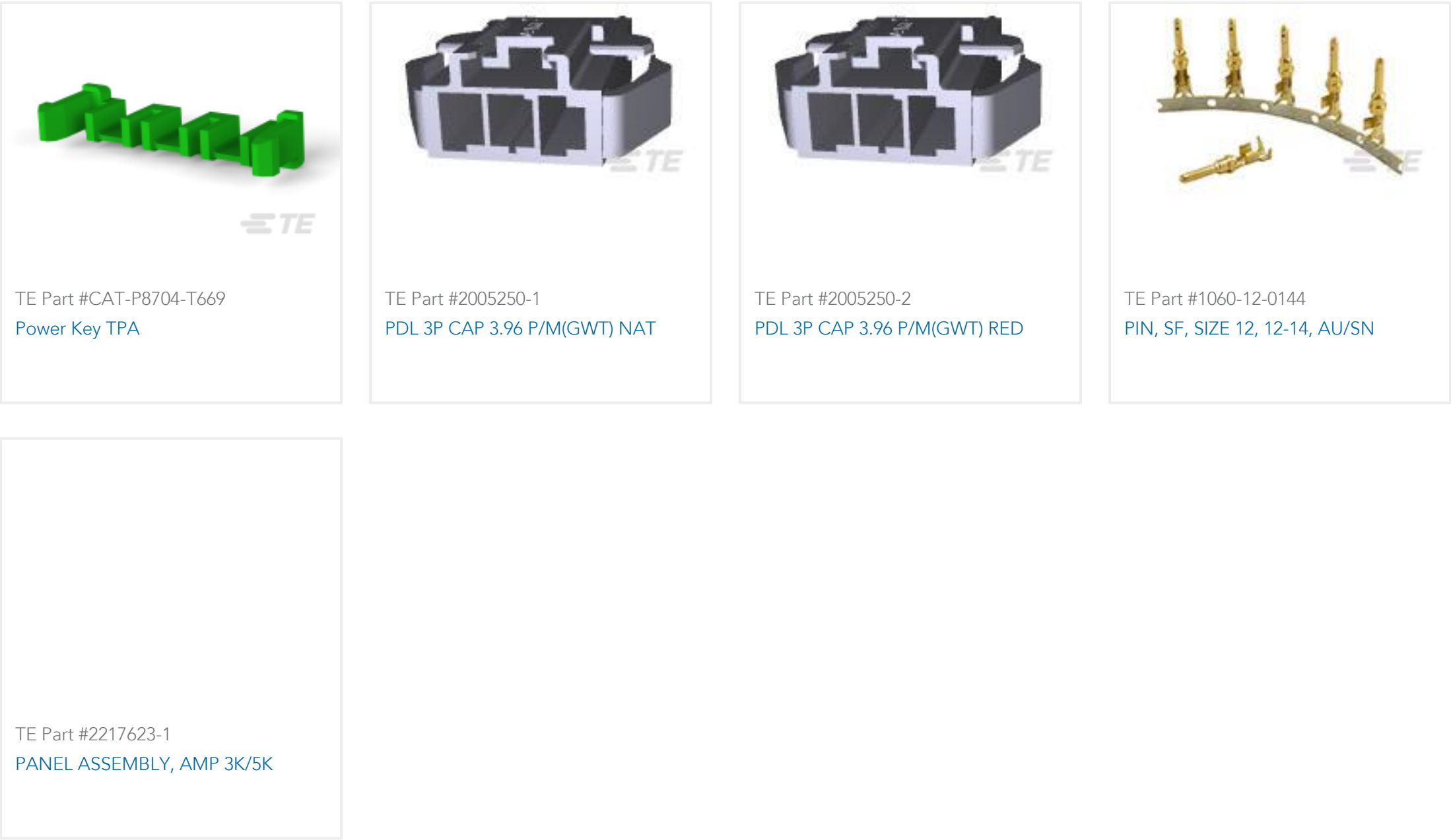
Customers Also Bought

TE Part #2-2304525-4
AMP DUOPLUG MK2 CONNECTOR 4P

TE Part #1-2232892-5
5P MONOPLUG 2.5

TE Part #4-2232890-0
10P MONOPLUG 2.5 SELECTIVELY LOADED

TE Part #293008-5
3 POS. FASTIN-FASTON CONN. TAB HOUSING R



Documents

Product Drawings
MAG-MATE POKE-IN TAB 018 PTPBR
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_62896-1_Z.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_62896-1_Z.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_62896-1_Z.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

Agency Approvals
UL Report



English