



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **15**
Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Dual Positions	15
Number of Positions	15
Number of Rows	2

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1800 VAC
Insulation Resistance	5000 MΩ

Body Features

Primary Product Color	Black
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Contact Features

Contact Current Rating (Max)	5 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature Type	Mounting Ears
Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

	.7 in
PCB Thickness (Recommended)	1.4 – 1.78 mm[.055 – .07 in]
Row-to-Row Spacing	4.14 mm[.163 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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Packaging Features

Packaging Quantity	225
Packaging Method	Box

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

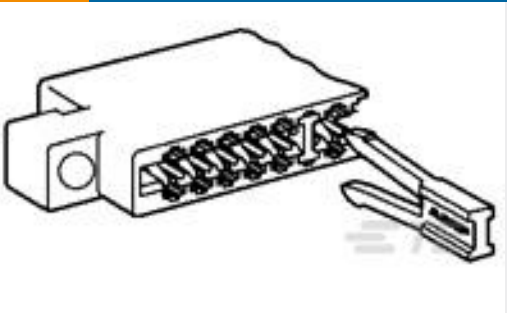
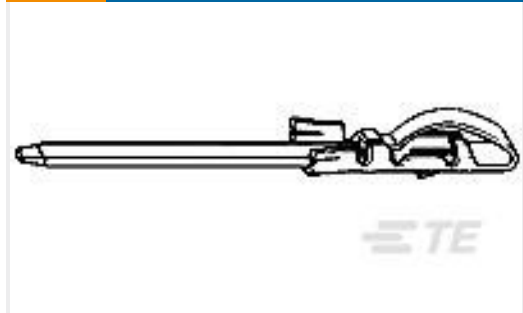
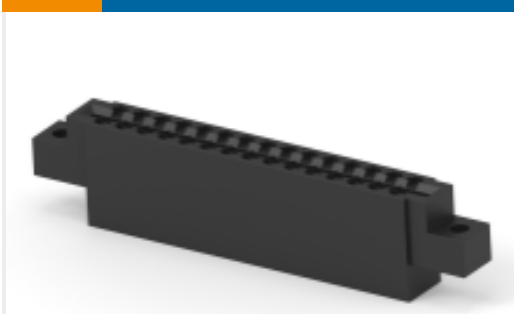


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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>

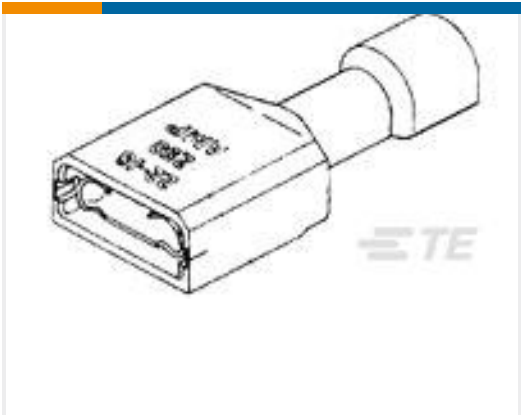
Compatible Parts

 TE Part # 480143-1 AMP LEAF KEYING PLUG	 TE Part # 465195-1 AMP-LEAF EXTRACTION TOOL	 TE Part # 1-582355-3 RCPT AMP LEAF CRP POST 15 AU	 TE Part # 583293-1 AMP LEAF SOLDER DIP TERM
 TE Part # 583293-6 AMP LEAF CONT 15 AU 100 SN	 TE Part # 583680-2 AMP LEAF 15 POS	 TE Part # 66219-4 AMP LF CONT	

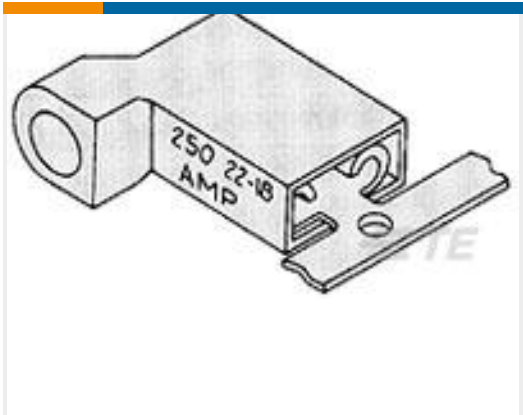
Customers Also Bought



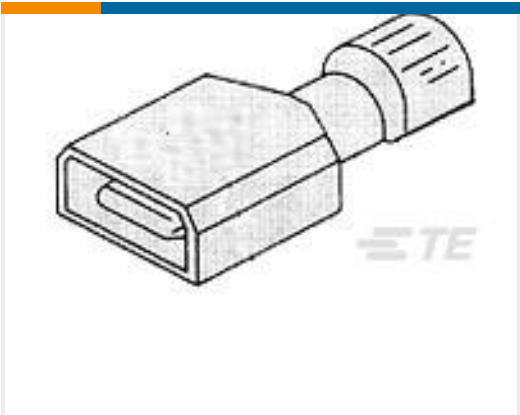
TE Part #1423967-1
T92P7D52-24



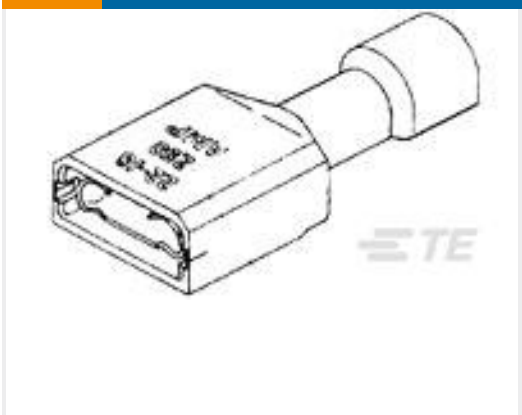
TE Part #2-520407-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



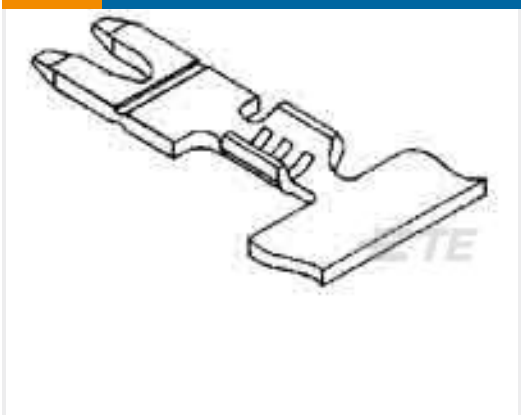
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ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #2-521144-2
ULTRA-FAST 250 ASY TAB 22-18 TPBR



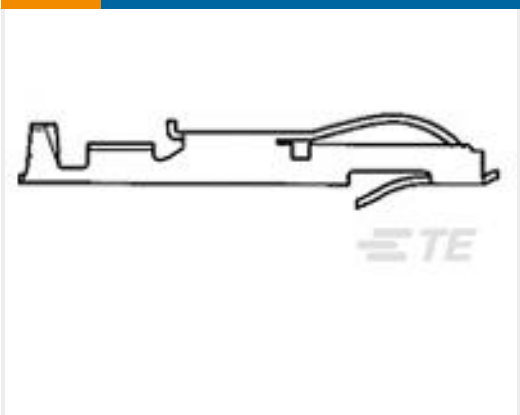
TE Part #2-520181-2
ULTRA-FAST 187 ASY REC 22-18 AWG TPBR



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



TE Part #36161
TERMINAL,PIDG R 12-10 10



TE Part #583853-8
TWIN LEAF TERMINAL STRIP



TE Part #470037-000
CWT-9002

Documents

Product Drawings
HSG AMP LEAF 15 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583680-1_T.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_583680-1_T.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583680-1_T.3d_stp.zip

English

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

Product Specifications



Product Specification

English

Connector, AMP-LEAF, .000030 Gold Plated Contacts, DPH Housing

English

Product Specification

English

Connector, AMP-LEAF, Phenolic or Thermoplastic Housing

English

Product Specification

English

Connector, AMP-LEAF, Tin Plated Contact

English

Agency Approvals

Agency Approval Document

English

Agency Approval Document

English