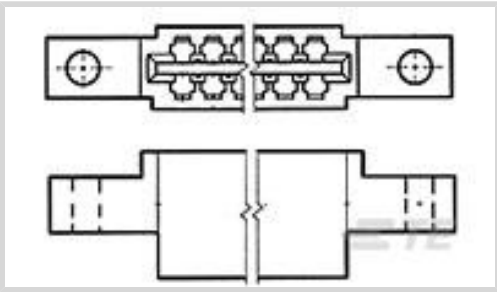




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **22**

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	22
Number of Positions	22
Number of Rows	2

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1800 VAC
Insulation Resistance	1000 MΩ
Operating Voltage	250 VAC

Body Features

Primary Product Color	Black
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Contact Features

Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention	Without
Panel Mount Feature Type	Mounting Ears
Mating Retention	Without
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	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	40
Packaging Method	Box

Other

Discrete Wire Connector Comment	3.18 [.125] hole diameter.
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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: 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

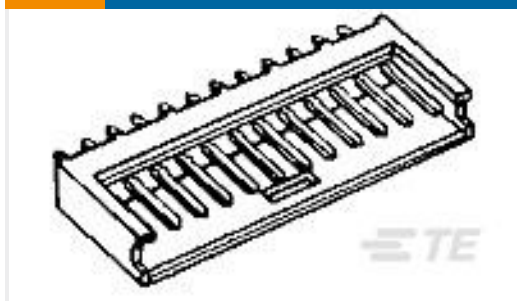


TE Part # 465195-1
AMP-LEAF EXTRACTION TOOL

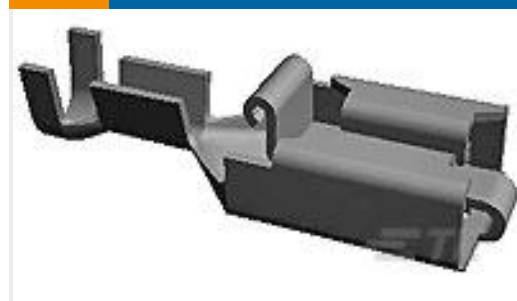
Customers Also Bought



TE Part #204517-2
AMPLIMITE,ASY,PLUG,STD,90,3



TE Part #280374-2
10P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #63812-1
250 PL MKI REC. 18-14AWG TPBR



TE Part #2-534237-8
30 MODII VRT SR CE 100/115



TE Part #1623375-1
CRG0805 5% 470R

TE Part #1-2176326-7
CRGP 0603 220R 1%

TE Part #9-1393792-1
V23105A5006A201

TE Part #928034-3
4X21P MOD2 ST-WANNE

TE Part #1415044-1
MT78603

Documents

Product Drawings

HSG AMP LEAF 22 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583617-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_583617-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583617-1_W.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

Agency Approval Document

English

Agency Approval Document

English