

AMP | AMP Twin-Leaf

TE Internal #: 583718-9

Housing, Receptacle, Wire-to-Board, 22 Position, 2.54 mm [.1 in] Centerline, Crimp, 2 Row, Black, Printed Circuit Board, Power &

Signal, AMP Twin-Leaf

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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): 2.54 mm [.1 in]

Features

Product Type Features

71	
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
Body Features	
Primary Product Color	Black
Contact Features	
Contact Current Rating (Max)	5 A
Termination Features	



Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Panel Mount Feature Type	Mounting Ears
Strain Relief	Without
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
	3.3 in
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Method	Box
Packaging Quantity	125
Product Compliance	

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

Not Low Halogen - contains Br or Cl > 900
ppm.

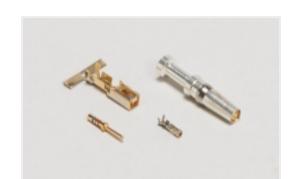
Solder Process Capability

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

Also in the Series | AMP Twin-Leaf



Connector Contacts(13)



Insertion & Extraction Tools(1)



Power Contacts(11)



Wire-to-Board Connector Assemblies & Housings(17)

Customers Also Bought



TE Part #2-173983-8
AMP CT MT AMP-IN HDR-H YEL 8P



TE Part #770070-1 03P .093 COMM P&S RECPT HSG



TE Part #350220-1 12P CMNL HDR ASSY PC NATL



TE Part #292250-5 CT P/HDR BOX H ASSY 5P W/KINK



TE Part #CAT-AM7053-H8172
Mini Common Termination (CT)
Housings



TE Part #350416-1
.093 COMM P&S PIN 14-20 PTPBR









Documents

Product Drawings

TW-LEAF CRP HSG 22 POS 100 C/L

English

CAD Files

Customer View Model

ENG_CVM_CVM_583718-9_AS.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583718-9_AS.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583718-9_AS.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English