583718-1 DO NOT USE FOR NEW DESIGN

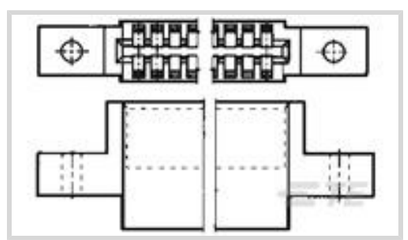
AMP | AMP Twin-Leaf

TE Internal #: 583718-1

Housing, Receptacle, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Crimp, 2 Row, Black, Mating Retention, AMP Twin-Leaf

View on TE.com >

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: **10**

Centerline (Pitch): **2.54 mm [.1 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	10
Number of Positions	10
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

Strain Relief	Without
PCB Mount Retention	Without
Panel Mount Feature Type	Mounting Ears

Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

	.75 in

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
Packaging Method	Carton

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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(15)



Insertion & Extraction Tools(1)



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

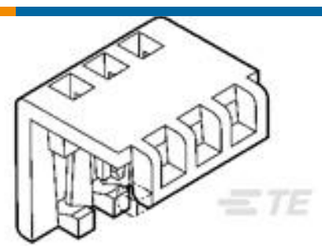
Customers Also Bought



TE Part #1658614-2
25 POS HDF RCPT, AP, LEAD FREE



TE Part #1658675-1
HDP-22,OVRMLD,PLUG KIT,SIZE 1,



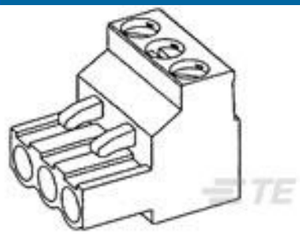
TE Part #1-643075-0
10P MTA100 MOLDED COVER



TE Part #1-5750913-7
68 50SR CABLE CONN KIT



TE Part #4-640428-0
10P MTA156 CONN ASSY 22AWG RED



TE Part #1-796634-0
10 POS 5.08MM R/A PLUG,TRM BLK



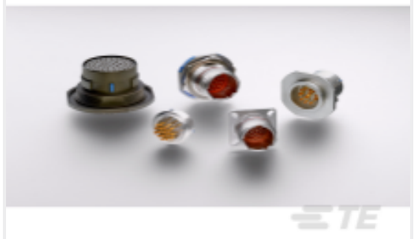
TE Part #2-111623-2
26, 2MM, POL,30 DP, LEAD FREE



TE Part #2-111623-4
40, 2MM, POL,30 DP, LEAD FREE



TE Part #1-1658620-2
064 NOVO MIL 15DP FT



TE Part #YDBC54H-1419PNV001
HERM RECP

Documents

Product Drawings

TW-LEAF CRP HSG 10 POS 100 C/L

English

CAD Files

Customer View Model

ENG_CVM_CVM_583718-1_AS.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583718-1_AS.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583718-1_AS.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

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English

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Global Electronic Components Distributor

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TE Connectivity:

1903112-2 2310537-1 2377783-2 917696-1 1393431-1 2005330-1 3-1393225-0 MPT100C18RF
1-794222-0 SBCHE154R7K 1-962915-1 141991-2 1969656-1 CRGCQ2010J3K3 3430B2F51RTDF
175977-2 3631B101LL CPF0402B37K4E1 RH73H2A40MKTN 1743455-2 2-292161-3 2834055-1 936348-1
SBCHE64R7K 2380312-2 650075-000 ROX05SJ18R SMW73R0JT TE50BR39J U5254-000005-030PA