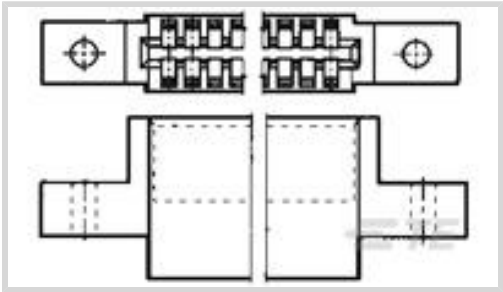




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **40**

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	40
Number of Positions	40
Number of Rows	2

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

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

	5.1 in
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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
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Carton
Packaging Quantity	125

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 #172162-1 12 CIR UNIV M-N-L CAP	 TE Part #1658539-1 PIN CONT DUPL PLT STRIP HD-20	 TE Part #5-583853-3 TWIN LEAF TERM. STRIP CSTL	 TE Part #34164 TERMINAL,PG R 16-14 3/8
 TE Part #DTM06-08SB PLG, 8P, BLK, N, B	 TE Part #52453-1 PG SPR SPD 22-16COMM22-18MIL 6	 TE Part #7-5530843-7 CONN SEC II 3 POS 100C/L	 TE Part #5207908-7 STRAIN REL W/SCRW RET KIT,SZ 3
 TE Part #583853-3 TWIN LEAF TERM. STRIP CSTL	 TE Part #5-583853-5 TWIN LF CONT IS 20-24 AU		



Documents

Product Drawings

TW LEAF CRP HSG. 40-POS.

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-583718-5_AS.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-583718-5_AS.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-583718-5_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