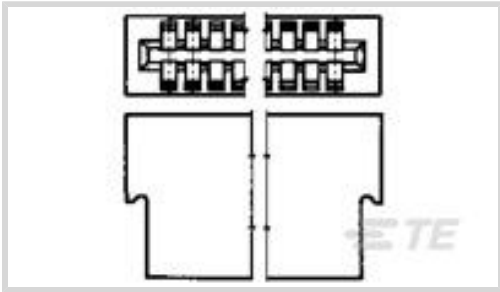




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



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
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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
PCB Mount Retention	Without
Mating Retention	Without



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	1

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

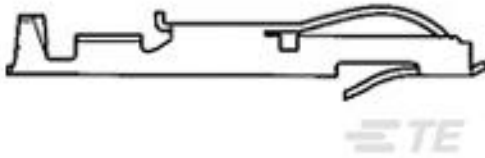
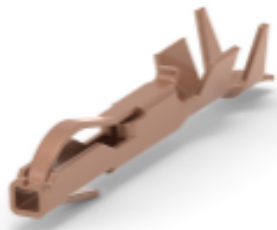
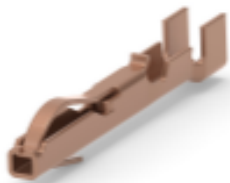
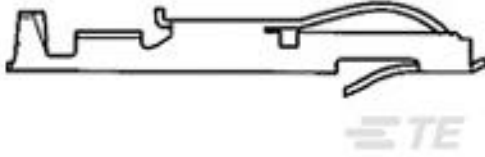
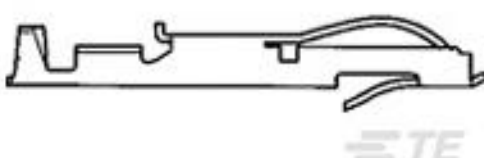
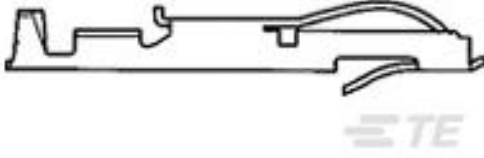
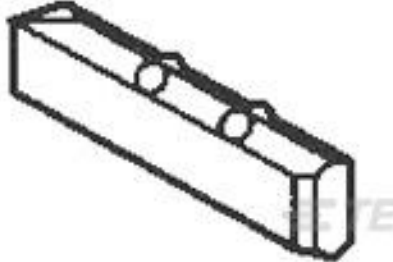
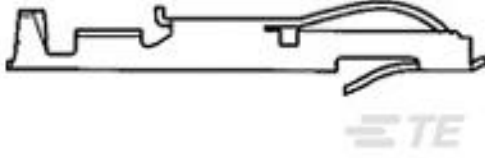
Product Compliance Disclaimer

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 # 5-583649-3 CONT.CRP.SNAP TW.LF.STRIP	 TE Part # 583854-3 TWIN LF SOLD EYE CONTACT	 TE Part # 583879-1 CONTACT CSTL 15AU 50SN/PB	 TE Part # 583649-3 CONT.CRP.SNAP TW.LF.STRIP
 TE Part # 1-583649-1 TWIN LEAF STRIP TERM	 TE Part # 1-583884-5 CONTACT CSTL 15AU 50SN/PB	 TE Part # 1-881099-3 TWIN LEAF CONTACT	 TE Part # 5-583649-2 CONT.CRP.SNAP TW.LF.STRIP
 TE Part # 5-583854-3 TWIN LF SOLD EYE CONTACT	 TE Part # 5-583857-1 CONT TW-LF CRP SANP	 TE Part # 5-583879-4 CONTACT CSTL 15AU 50SN/PB	 TE Part # 5-583879-8 CONTACT CSTL 15AU 50SN/PB
 TE Part # 5-583879-9 CONTACT CSTL 15AU 50SN/PB	 TE Part # 531477-4 CONT.MINI-LEAF STRIP	 TE Part # 583274-3 KEYING PLUG	 TE Part # 583649-2 CONT.CRP.SNAP TW.LF.STRIP



TE Part # 583649-6
TW LF CONTACT LP OF 583649-3

TE Part # 583879-4
CONTACT CSTL 15AU 50SN/PB

TE Part # 583879-8
CONTACT CSTL 15AU 50SN/PB

TE Part # 583879-9
CONTACT CSTL 15AU 50SN/PB

Also in the Series | AMP Twin-Leaf

Insertion & Extraction Tools(1)

Wire-to-Board Connector Assemblies & Housings(27)

Wire-to-Board Connector Contacts(15)

Customers Also Bought

TE Part #1658642-1
HDP-20,PLUG,SIZE 1, 9 POSN,CLI

TE Part #1658540-4
CONT,PIN,PLATED,20DF,STRIP,#24

TE Part #6609043-2
6VV1=F7251 S0

TE Part #1658690-1
HDP-22,RCPT,SIZE 1,15 POSN,CLI

TE Part #102387-4
20 MODIV HSG COMP DR .100 POL

TE Part #102241-1
03 MODIV HSG COMP SR .100 POL

TE Part #6-87756-7
MOD IV REC STP INT'L SPEC REEL

TE Part #1-104480-3
SHORT POINT CONT 30 DPLX STMPD LF

TE Part #323912
TERMINAL,PIDG R 26-22 2

TE Part #109858-000
D-181-1222-90/9



Documents

Product Drawings

TW-LEAF CRP HSG 10 POS 100 C/L

English

CAD Files

Customer View Model

ENG_CVM_CVM_583717-1_AU.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583717-1_AU.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583717-1_AU.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