583717-1 ✔ ACTIVE

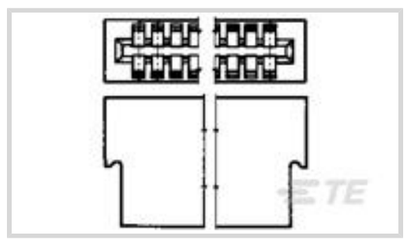
AMP | AMP Twin-Leaf

TE Internal #: 583717-1

Housing, Receptacle, Wire-to-Board, 10 Position, .1 in [2.54 mm] Centerline, Crimp, 2 Row, Black, Printed Circuit Board, Power & Signal, 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
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

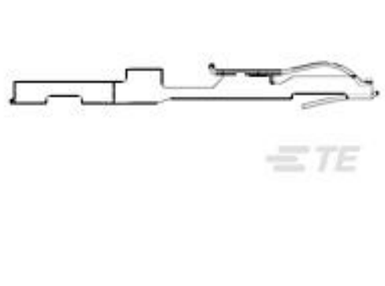
For compliance documentation, visit the product page on TE.com>

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: JUNE 2023 (235) 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

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

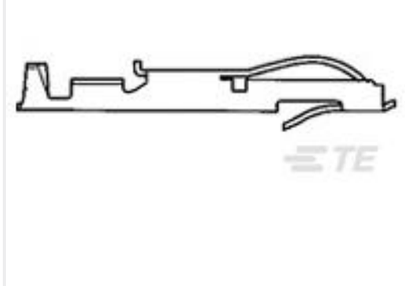
Compatible Parts

TE Part # 5-583649-3
CONT.CRP.SNAP TW.LF.STRIP



TE Part # 583854-3
TWIN LF SOLD EYE CONTACT

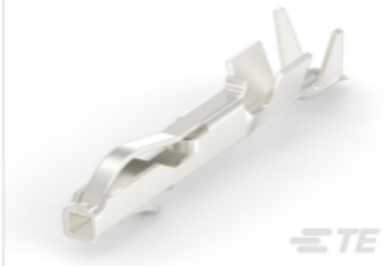
TE Part # 583879-1
CONTACT CSTL 15AU 50SN/PB



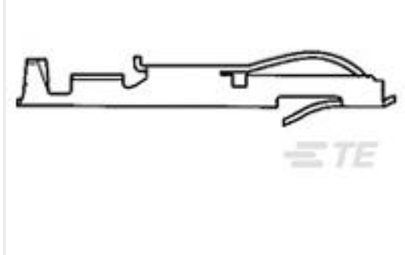
TE Part # 583649-3
CONT.CRP.SNAP TW.LF.STRIP

TE Part # 1-583649-1
TWIN LEAF STRIP TERM

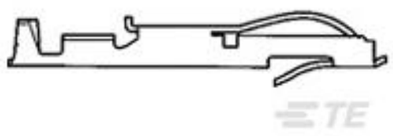
TE Part # 1-583884-5
CONTACT CSTL 15AU 50SN/PB



TE Part # 1-881099-3
TWIN LEAF CONTACT



TE Part # 5-583649-2
CONT.CRP.SNAP TW.LF.STRIP



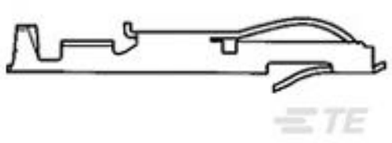
TE Part # 5-583854-3
TWIN LF SOLD EYE CONTACT

TE Part # 5-583857-1
CONT TW-LF CRP SANP

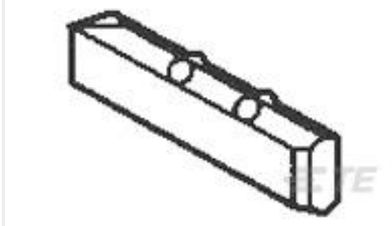
TE Part # 5-583879-4
CONTACT CSTL 15AU 50SN/PB

TE Part # 5-583879-8
CONTACT CSTL 15AU 50SN/PB

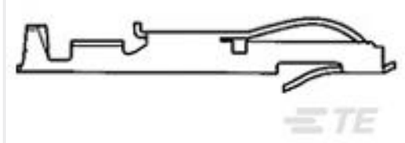
TE Part # 5-583879-9
CONTACT CSTL 15AU 50SN/PB



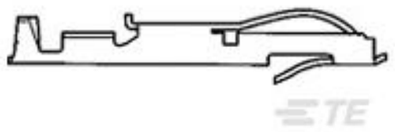
TE Part # 531477-4
CONT.MINI-LEAF STRIP



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)

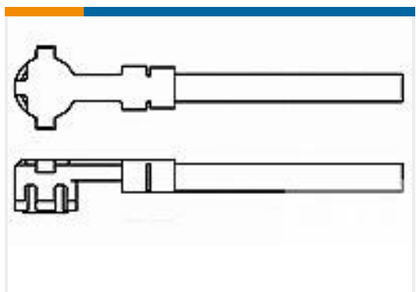
Wire-to-Board Connector Contacts(15)

Customers Also Bought

TE Part #02560390-000
LVDT HR 100 ASSY

TE Part #206433-2
CPC RECPT ASSEMBLY SIZE 11-8

TE Part #1658538-3
SOCKET CONT DUPL PLT STRIP HD-



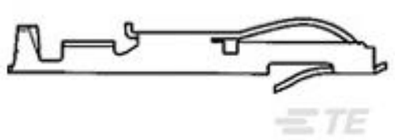
TE Part #1064538-1
9960 2200 24,CABLE ASSEMBLY

TE Part #2-111196-0
40 RCPT SYSTEM 50, LEAD FREE

TE Part #2-322873-5
DG 22-16 HT ALUMEL R 6

TE Part #6609043-2
6VV1=F7251 S0

TE Part #4-1419108-2
RTE44012F



TE Part #583853-8
TWIN LEAF TERMINAL STRIP

TE Part #1461353-5
PCH-112L2MH,000

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

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English