

AMP | AMP Twin-Leaf

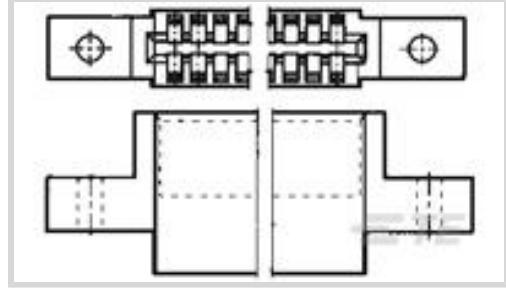
TE Internal #: 1-583718-5

Housing, Receptacle, Wire-to-Board, 40 Position, .1 in [2.54 mm]

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: **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 |
|-----------------------|-------|

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

125

Packaging Method

Carton

Product ComplianceFor 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 2024
(240)Candidate List Declared Against: JAN 2024
(240)

Does not contain REACH SVHC

Halogen Content

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

Solder Process Capability

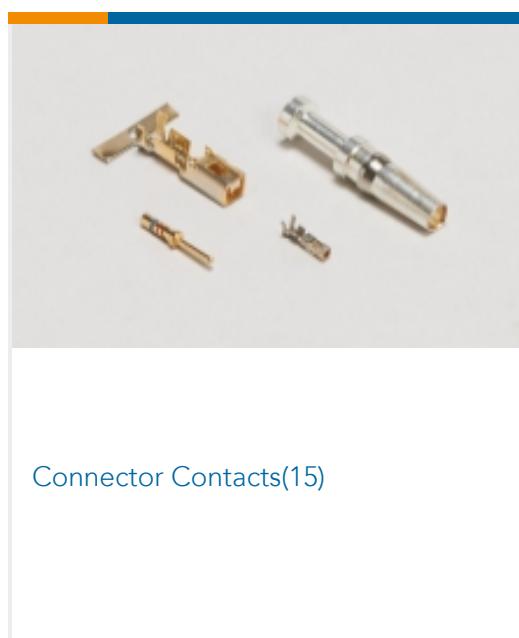
Not applicable for solder process capability

Product Compliance Disclaimer

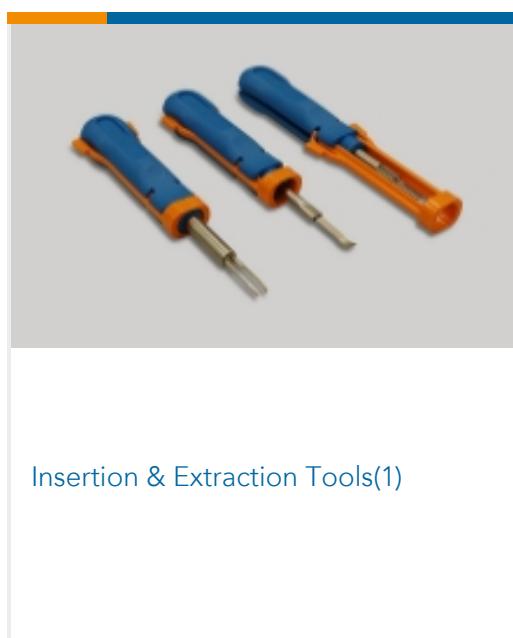
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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>

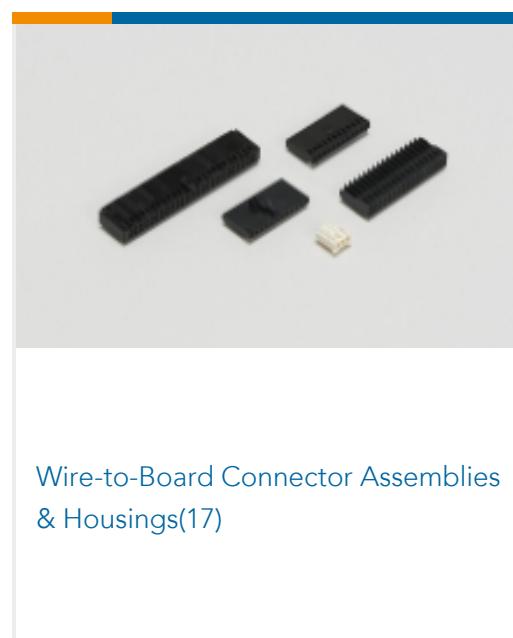
Also in the Series | **AMP Twin-Leaf**



Connector Contacts(15)

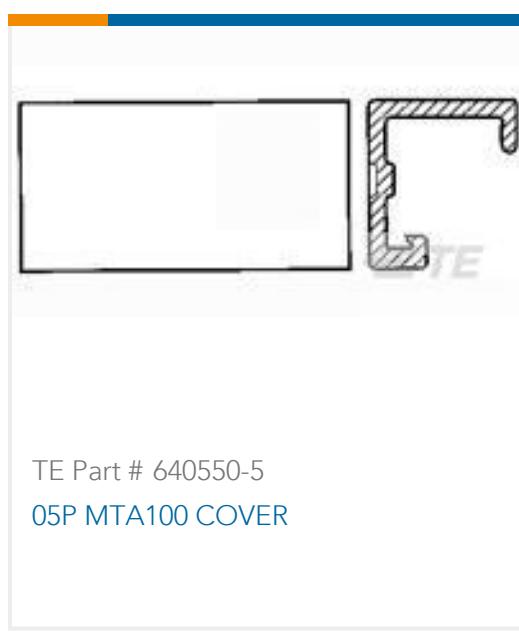


Insertion & Extraction Tools(1)



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

Customers Also Bought

TE Part # 640550-5
05P MTA100 COVERTE Part # DT3S-BT-BK
BOOT, 3P, PLG, ST, BLKTE Part # 794279-1
12P UMNL INTERFACE SEALTE Part # 794277-1
09P UMNL INTERFACE SEALTE Part # 52453-1
PG SPR SPD 22-16COMM22-18MIL 6TE Part # 61117-1
CMNL SOK 20-14 TPBRTE Part # 34164
TERMINAL,PG R 16-14 3/8TE Part # 583853-3
TWIN LEAF TERM. STRIP CSTLTE Part # DTM06-08SB
PLG, 8P, BLK, N, BTE 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