

3-61668-1 ✓ ACTIVE

AMPMODU | UTILUX CR

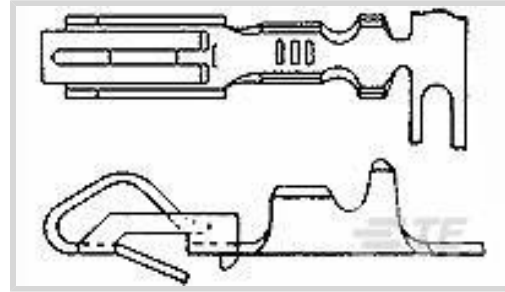
TE Internal #: 3-61668-1

Connector Contact, Hermaphroditic, Tin, 24 – 18 AWG Wire Size, .2 – .8 mm² Wire Size, Straight, Wire & Cable, 6 A, Signal, UTILUX CR

[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



Contact Type: **Hermaphroditic**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.2 – .8 mm²**

Contact Orientation: **Straight**

Features

Product Type Features

Connector & Contact Terminates To

Wire & Cable

Contact Features

PCB Contact Termination Area Plating Material Thickness

2.032 – 5.08 µm[80 – 200 µin]

Contact Mating Area Plating Material Thickness

2.032 – 5.08 µm[80 – 200 µin]

Contact Underplating Material

Nickel

PCB Contact Termination Area Plating Material

Tin

Contact Base Material

Brass

Contact Type

Hermaphroditic

Contact Mating Area Plating Material

Tin

Contact Orientation

Straight

Contact Current Rating (Max)

6 A

Termination Features

Termination Method to Wire & Cable

Crimp

Mechanical Attachment

Contact Retention Type Within Housing

Snap-In

Wire Insulation Support

With

PCB Mount Retention

Without

Dimensions

Compatible Insulation Diameter Range

2.79 mm[.11 in]



Wire Size .2 – .8 mm²

Usage Conditions

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

Operation/Application

Circuit Application Signal

Packaging Features

Packaging Quantity 6000
 Packaging Method Reel

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 640136-2
02P EDGE CONN HSG, BIF-LEAF

TE Part # 58614-1
PROCIMP, HT&D SL156

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 640136-6
06P EDGE CONN HSG, BIF-LEAF

TE Part # 640136-4
04P EDGE CONN HSG, BIF-LEAF

KIT
REPRESENTATION ONLY

TE Part # 7-2151033-7
OCEAN_2.0_SPARE_PART_KIT-070F100F

TE Part # 2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F

TE Part # 58614-2
PROCIMP, DIE, SL156

TE Part # 91597-1
CCII SL-156 REC 24-18 ASSY

TE Part # 640136-8
08P EDGE CONN HSG, BIF-LEAF

TE Part # 640136-9
09P EDGE CONN HSG, BIF-LEAF

TE Part # 2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

TE Part # 5-2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F

TE Part # 5-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

TE Part # 7-2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F

TE Part # 7-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

KIT
REPRESENTATION ONLY

TE Part # 7-2266602-7
OCEAN_2.0_SPARE_PART_KIT-070F100F

TE Part # 2-2151033-2
OCEAN-2.0-APPLICATOR-S-070F100FA

Also in the Series | UTILUX CR



Board-to-Board Connector Contacts(4)



Card Edge Connector Housings(1)

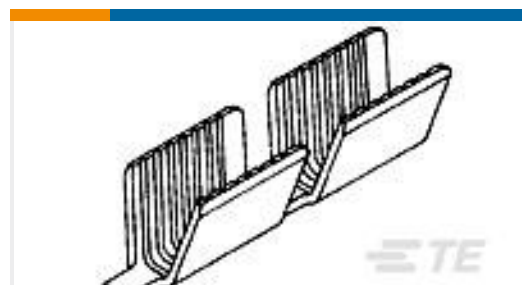
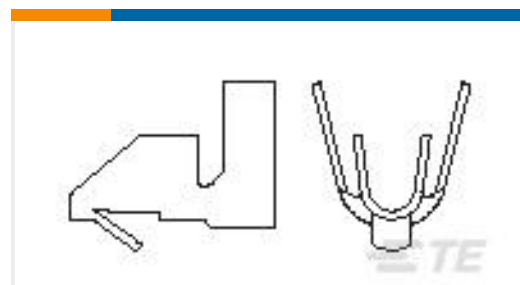
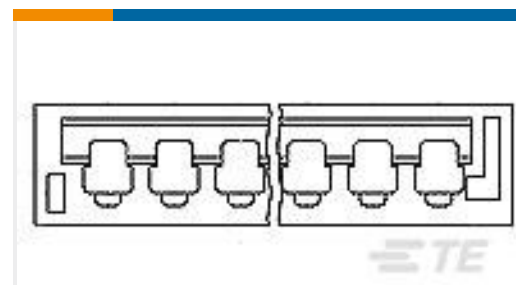


Compression Connectors(7)



Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #2-215083-4
MICRO-MATCH MOW.24PTE Part #640251-6
06P SL156 HSG W/O LCK RAMPTE Part #770078-1
04P .093 COMM P&S PLUG HSGTE Part #63012-2
250 FASTON FLAG REC 18-14 AWG
TPBRTE Part #62157-2
SPLICE AMVAR600TO3000 .020TPBRTE Part #3-770565-1
MINI AMP-IN 22-18 AWG SN/BRASS
LFTE Part #640136-2
02P EDGE CONN HSG, BIF-LEAFTE Part #1-2329360-7
PB OFF/ON RC RED M4 TERM. IP68TE Part #9-338069-4
MICRO-MATCH SMD FTE

Documents

Product Drawings

[BIF-LEAF CONT CR/SNAP SN/BR](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_3-61668-1_AS.3d_igs.zip](#)

English

[Customer View Model](#)



[ENG_CVM_3-61668-1_AS.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_3-61668-1_AS.2d_dxf.zip](#)

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Bifurcated Leaf Contact

English

Application Specification

English

Application Specification

English

Relay Receptacle Contact

English

Product Environmental Compliance

MD_3-61668-1_03012012017

English

MD_3-61668-1_03012012017

English