# 3-61668-1 ✔ ACTIVE

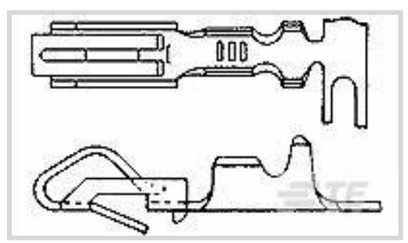
AMPMODU | UTILUX CR

TE Internal #: 3-61668-1

Tin (Sn), Hermaphroditic Contact, 24 – 18 AWG, .2 – .8 mm² Wire, Snap-In Contact Retention, Crimp, Brass, Signal, UTILUX CR

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Hermaphroditic**

Contact Mating Area Plating Material: **Tin (Sn)**

Contact Retention Type Within Housing: **Snap-In**

Wire Size: **.2 – .8 mm²**

## Features

### Contact Features

| | |
|---|---|
| PCB Contact Termination Area Plating Material Thickness | 2.032 – 5.08 µm[80 – 200 µin] |
| Contact Underplating Material | Nickel |
| Contact Orientation | Straight |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | 2.032 – 5.08 µm[80 – 200 µin] |
| Contact Type | Hermaphroditic |
| Contact Mating Area Plating Material | Tin (Sn) |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 6 A |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

| | |
|---|---|
| Wire Insulation Support | With |
| PCB Mount Retention | Without |
| Contact Retention Type Within Housing | Snap-In |

### Dimensions

| | |
|---|---|
| Compatible Insulation Diameter Range | 2.79 mm[.11 in] |
| Wire Size | .2 – .8 mm² |



Downloaded from Arrow.com.

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |

## Packaging Features

| | |
|---|---|
| Packaging Method | Reel |
| Packaging Quantity | 6000 |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

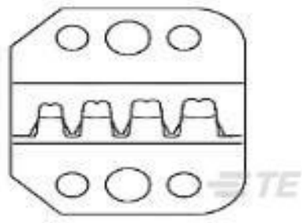


Downloaded from Arrow.com.

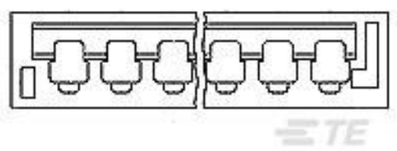
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

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

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



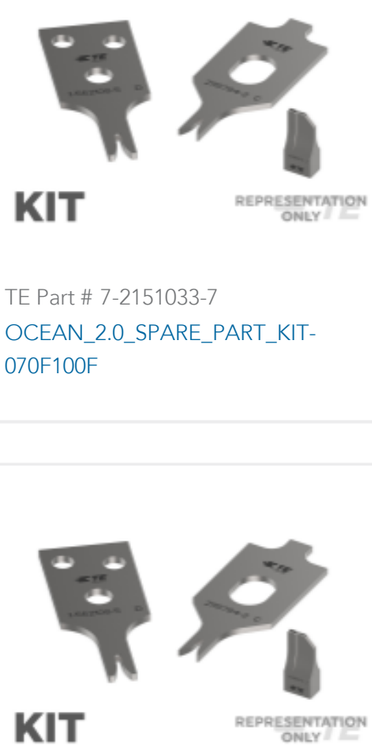
TE Part # 58614-2
PROCRIMP, DIE, SL156



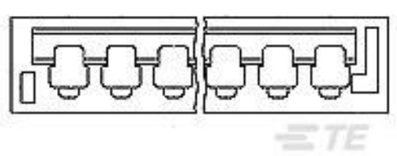
TE Part # 640136-8
08P EDGE CONN HSG, BIF-LEAF

TE Part # 2479636-1
EXTRACTION TOOL

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




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



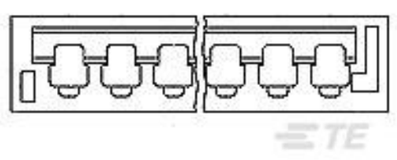
TE Part # 640136-4
04P EDGE CONN HSG, BIF-LEAF

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

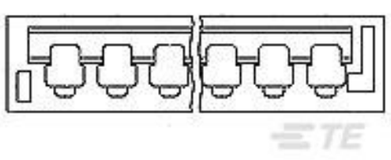
TE Part # 2151033-1
OCEAN-2.0-APPLICATOR-S-070F100F-RSM



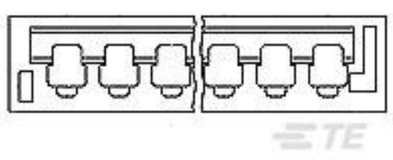

TE Part # 7-2266602-7
OCEAN_2.0_SPARE_PART_KIT-070F100F



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



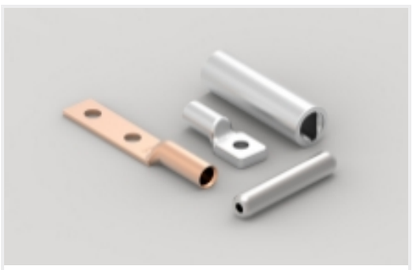
TE Part # 640136-9
09P EDGE CONN HSG, BIF-LEAF



TE Part # 640136-2
02P EDGE CONN HSG, BIF-LEAF

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

## Also in the Series | UTILUX CR



Compression Connectors(4)

Connector Contacts(3)

## Customers Also Bought

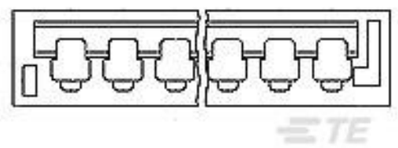


Downloaded from Arrow.com.

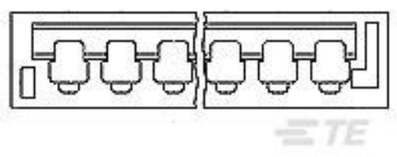
TE Part #NB-PTCO-058
Pt100, 2.0x2.3, Class T, PTFC101T1G0

TE Part #20024291-00
K10-HS20L6B-35k0-D05 FSW

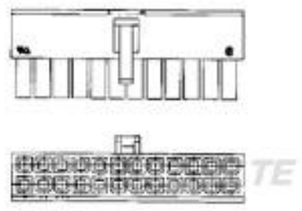
TE Part #554808-1
HDW KIT, STDOFF STUD METRIC



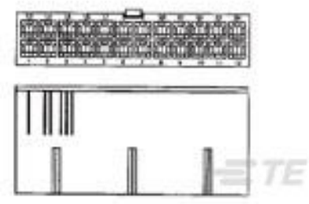
TE Part #640136-2
02P EDGE CONN HSG, BIF-LEAF



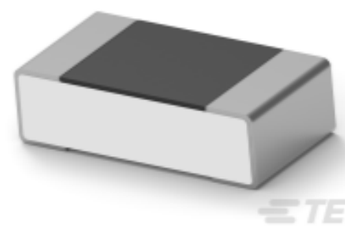
TE Part #640136-6
06P EDGE CONN HSG, BIF-LEAF



TE Part #794954-2
2P RCPT VAL-U-LOK V2



TE Part #1586000-2
2P FH PLUG VAL-U-LOK V2



TE Part #9-2176371-6
RQ 0603 45K3 0.1% 10PPM 5K RL

TE Part #1-6609115-2
3EGG1-2 S0=F7385D

TE Part #1483350-1
MICRO-MATCH LEAD 04P 100MM

## 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



Downloaded from Arrow.com.

Bifurcated Leaf Contact

English

Application Specification

English

Application Specification

English

Relay Receptacle Contact

English



Downloaded from Arrow.com.