



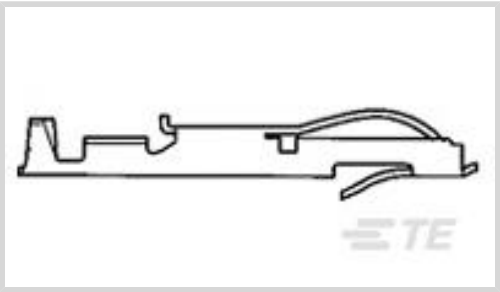
AMP

TE Internal #: 583853-9

Gold (Au), Socket Contact, 24 – 20 AWG, .2 – .6 mm² Wire, Locking Lance Contact Retention, 404 – 1020 CMA, Crimp, Phosphor Bronze, Power & Signal

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold Flash**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Locking Lance**

Features

Contact Features

PCB Contact Termination Area Plating Material	Gold Flash
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A
Contact Underplating Material	Nickel

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
---------------------------------------	---------------

Dimensions

Wire Size	404 – 1020 CMA
Compatible Insulation Diameter Range	1.22 – 1.52 mm[.048 – .06 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
-----------------------------	---------------------------



Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Identification Marking

Contact Color Code	Green
--------------------	-------

Packaging Features

Packaging Quantity	5000
Packaging Method	Loose Piece

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

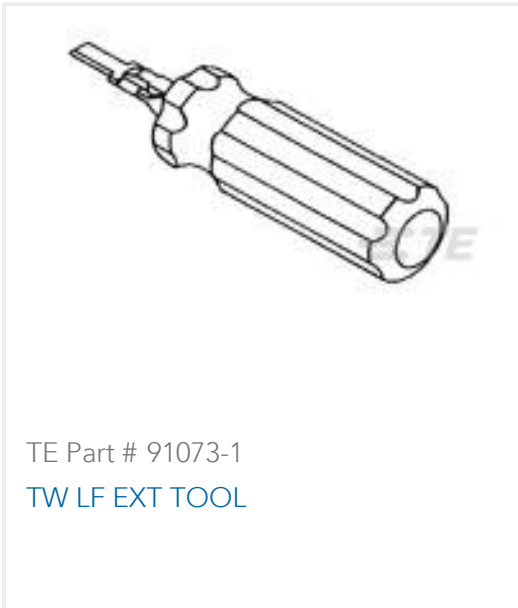
Product Compliance Disclaimer

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



TE Part # 91535-1
CCII TWIN LEAF 24-20 ASSY



TE Part # 91073-1
TW LF EXT TOOL

Customers Also Bought



TE Part #0662-207-1282
CONT SOC ASSY



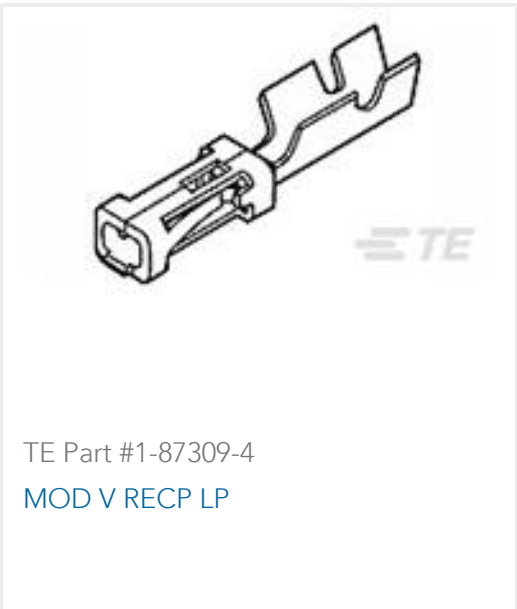
TE Part #60619-4
CMNL SOK PTPPHBZ L/P



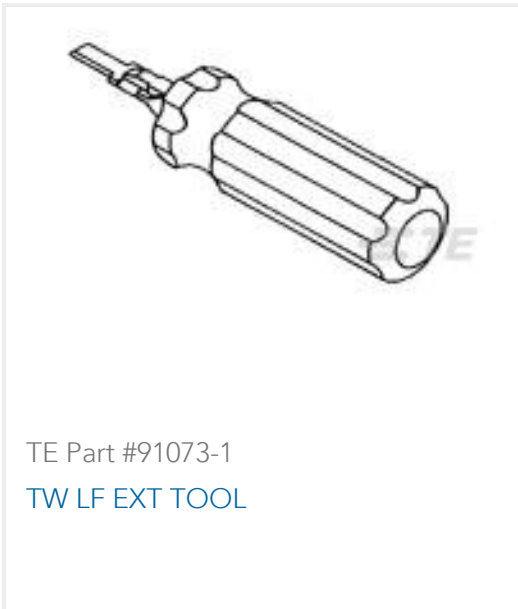
TE Part #66103-4
III+ PIN,24-20,30AU/FL,LP



TE Part #66361-3
III+ PIN,18-14,15AU/FL,LP



TE Part #1-87309-4
MOD V RECP LP



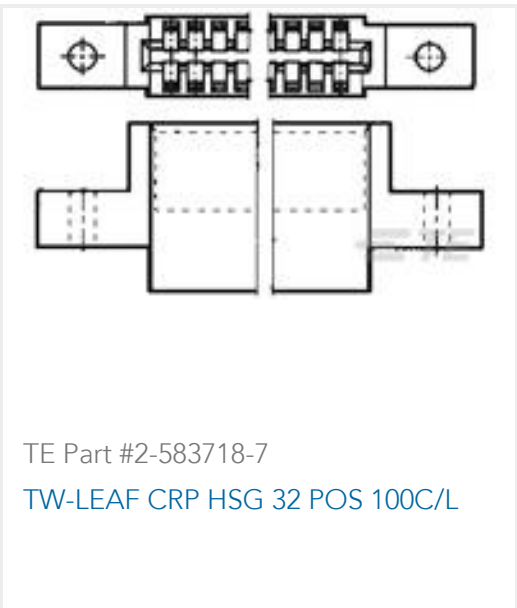
TE Part #91073-1
TW LF EXT TOOL



TE Part #5-103166-1
06 MODII HDR DRRA SHRD LF



TE Part #1-206062-4
CABLE CLAMP KIT #11



TE Part #2-583718-7
TW-LEAF CRP HSG 32 POS 100C/L



TE Part #3-1393118-8
KUP-14D55-24=KU

Documents

Product Drawings

TWIN LF CONT IS 20-24 AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583853-9_BR.2d_dxf.zip



English

Customer View Model
[ENG_CVM_CVM_583853-9_BR.3d_igs.zip](#)

English

Customer View Model
[ENG_CVM_CVM_583853-9_BR.3d_stp.zip](#)

English

Customer View Model
[ENG_CVM_583853-9_V1.3d_igs.zip](#)

English

[3D PDF](#)

English

Customer View Model
[ENG_CVM_583853-9_V1.3d_stp.zip](#)

English

Customer View Model
[ENG_CVM_583853-9_V1.2d_dxf.zip](#)

English

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

[Product Specifications](#)
[Application Specification](#)

English