

179417-1 ✓ ACTIVE

AMP | Multilock Connector System

TE Internal #: 179417-1

Automotive Terminals, Receptacle, Mating Tab Width .039 in [1 mm], Tab Thickness .025 in [.64 mm], 22 – 18 AWG Wire Size, Multilock Connector System

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Terminals & Splices > Automotive Terminals > MULTILOCK, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **1 mm [.039 in]**

Mating Tab Thickness: **.64 mm [.025 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **22 – 18 AWG**

[All MULTILOCK, RECEPTACLE AND TAB \(142\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1 mm[.039 in]
Mating Tab Thickness	.64 mm[.025 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions



Wire Size	.3 – .85 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 AWG, 21 AWG, 22 AWG
Wire Insulation Diameter	1.1 – 2.1 mm [.043 – .083 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
Operating Temperature Range	-40 – 120 °C [-40 – 248 °F]

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Other

Terminal Transmits	0 – 24 A (Low Power)
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

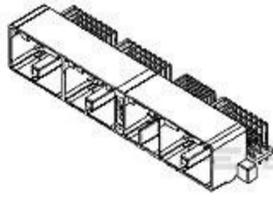
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



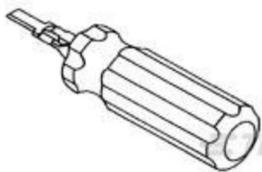
TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



TE Part # 353220-6
HD HYBRID I/O CAP ASSY 96P



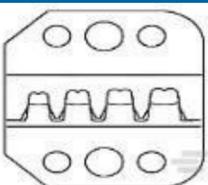
TE Part # 91588-1
CCII 040 II SERIES S REC TAB 22-18 ASSY



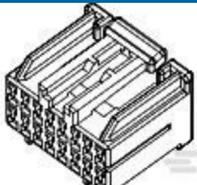
TE Part # 715131-1
EXTRACTION TOOL



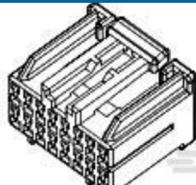
TE Part # 90652-1
PRO-CRIMPER ASSY MULTILOCK



TE Part # 90652-2
PROCRIEMPER DIE ASSY MULTILOCK



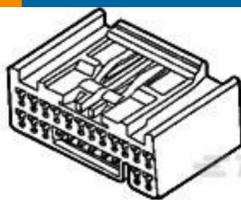
TE Part # 917992-6
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part # 917981-6
HYBRID MK-2 PLUG HSG ASSY 16P



TE Part # 353217-4
HD HYBRID I/O PLUG ASSY 30P



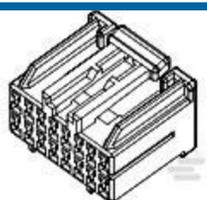
TE Part # 2-177746-7
PLUG ASSY 21P



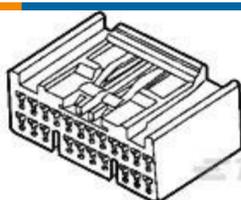
TE Part # 6-178692-6
18P NSCC PLUG HSG ASSY



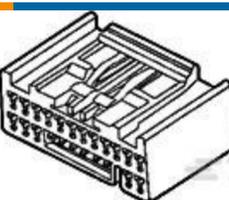
TE Part # 917983-1
HYBRID MK-2 PLUG HSG ASSY 16P



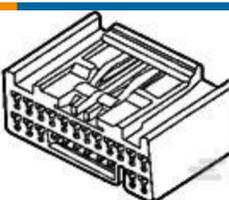
TE Part # 917994-6
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part # 179620-7
AIR BAG PLUG HSG ASSY 22P



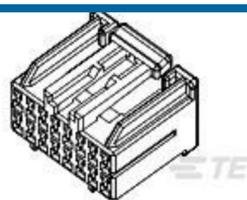
TE Part # 3-177746-7
AIR BAG 21P PLUG ASSY BLUE



TE Part # 4-177746-5
AIR BAG PLG ASSY 21P 1 S/BAR



TE Part # 917992-2
HYBRID MK-2 PLUG HSG ASSY 26P



TE Part # 917994-5
HYBRID MK-2 PLUG HSG ASSY 26P

Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers
(16)



Automotive Connector EMC Shielding
(1)



Automotive Connector Locks &
Position Assurance(2)



Automotive Housings(572)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(140)



Insertion & Extraction Tools(6)



Other Automotive Connector
Accessories(9)



PCB Headers & Receptacles(127)

Documents

Product Drawings

[040-2 REC CONTACT S L/P 22-18](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_179417-1_E.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_179417-1_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_179417-1_E.2d_dxf.zip](#)

English

3D PDF

English

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

Datasheets & Catalog Pages

[MULTILOCK Connector System](#)

English

Product Specifications

[Application Specification](#)

English

[Crimping .040II Series Tab and Rec. Contact](#)

English