



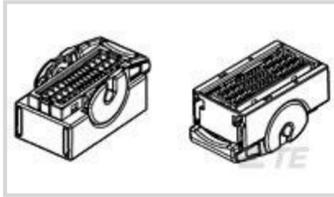
**Multilock Connector System**

TE Internal #: 1-1743098-8

Housing for Female Terminals, Wire-to-Wire, 42 Position, .098 in [2.5 mm] Centerline, Blue, Signal, Multilock Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > MULTILOCK, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **1.1 mm [ .043 in ]**

Connector System: **Wire-to-Wire**

Number of Positions: **42**

Centerline (Pitch): **2.5 mm [ .098 in ]**

[All MULTILOCK, CONNECTOR HOUSING \(573\)](#)

**Features**

**Product Type Features**

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

**Configuration Features**

Blank Cavity Position	0
Number of Positions	42
Number of Rows	3

**Body Features**

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Blue

**Contact Features**

Contact Size	1mm, 2.3mm
Contact Type	Receptacle



Mating Tab Width	1.1 mm[.043 in]
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### Mechanical Attachment

Mounting Feature	Without
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Terminal Position Assurance	Yes
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Strain Relief	Without
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Mating Alignment Type	Keyed
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
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### Dimensions

Product Width	28.2 mm[1.11 in]
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Product Length	32.6 mm[1.28 in]
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Product Height	60.5 mm[2.38 in]
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Row-to-Row Spacing	5 mm[.197 in]
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### Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C[158 °F][167 °F][176 °F]
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Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Quantity	42
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Packaging Method	Tray
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### Other

Serviceable	Yes
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Connector Position Assurance Capable	No
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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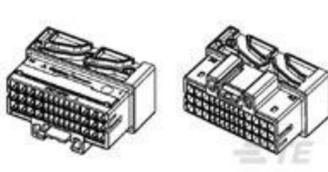


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Low 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>

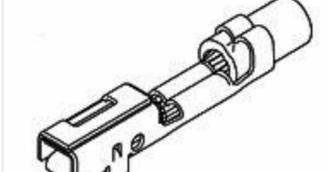
### Compatible Parts



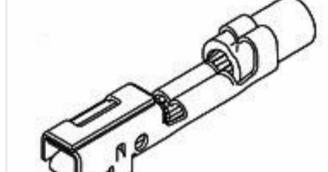
TE Part # 1-1743095-8  
LIF HYB 42P CAP ASSY BLU



TE Part # CAT-M9194-T273  
MULTILOCK, RECEPTACLE AND TAB



TE Part # 368083-1  
090II NON SLD REC(SQ 2.0)



TE Part # 368084-1  
090II NON SLD REC(SQ0.85-1.25)

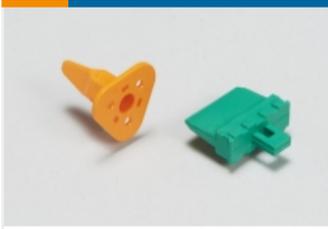
### Also in the Series | Multilock Connector System



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

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1743098-8\\_O.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1743098-8\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1743098-8\\_O.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[MULTILOCK Connector System](#)

English