

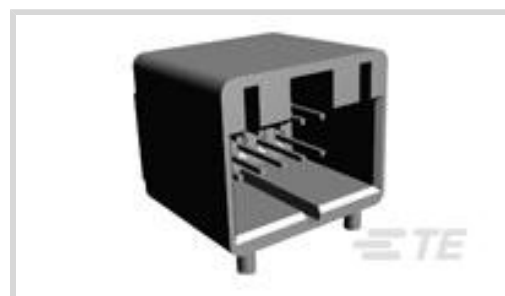


TE Internal #: 172259-4

Automotive Headers, 12 Position, 3mm [.118in] Centerline, Vertical, 2 Row, Black, Through Hole - Solder, Tin (Sn), Printed Circuit Board, Signal

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Headers > SIGNAL HEADER



Number of Positions: 12

Centerline (Pitch): 3 mm [.118 in ]

Sealable: No

PCB Mount Orientation: Vertical

Number of Rows: 2

[All SIGNAL HEADER \(423\)](#)

## Features

### Product Type Features

Hybrid Header	No
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Sections	1
Number of Signal Positions	12
Number of Positions	12
PCB Mount Orientation	Vertical
Number of Rows	2

### Electrical Characteristics

Voltage Rating (Max)	12 VDC
Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

### Body Features

Primary Product Color	Black
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### Contact Features

Mating Tab Width	.64 mm[.025 in]
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Mating Tab Thickness	.64 mm[.025 in]
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Contact Mating Area Plating Material	Tin (Sn)
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Locking Interface	With
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Mounting Holes	With
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PCB Mount Alignment	Without
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Panel Mount Feature	Without
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PCB Mount Retention	Without
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### Housing Features

Centerline (Pitch)	3 mm[.118 in]
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### Dimensions

Profile Height from PCB	19.3 mm[.76 in]
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Product Width	21.5 mm[.846 in]
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Product Length	18.4 mm[.724 in]
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### Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
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Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Shielded	No
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Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94HB
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### Packaging Features

Packaging Type	Tube
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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: JAN 2021 (211)  
Candidate List Declared Against: JAN 2021 (211)  
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

Wave solder capable to 240°C

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 # 172854-2  
DLI DOUBLE LOCK PLIG HSG 12P

TE Part # 172245-2  
12P DLI PLUG HSG

TE Part # 1326459-1  
WIRE DRESS, 2P, 180 DEG, LIVIN

### Customers Also Bought

TE Part #1376009-1  
DYNAMIC 2000 HDR ASSY

TE Part #1-1734579-4  
MOD-JK,8P8C,SHD Reverse,50u" Au

TE Part #1-178294-2  
DYNAMIC 3100 HDR ASSY

TE Part #1-917338-2  
DYNAMIC 3200 HDR ASSY



## Documents

### Product Drawings

#### DLI 12POS CAP ASSY V TIN

Japanese

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_172259-4\\_E1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_172259-4\\_E1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_172259-4\\_E1.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Product Specifications

#### Product Specification

Japanese

### Instruction Sheets

#### Customer Manual (non U.S.)

English

#### DLI CONNECTORS

English

#### Customer Manual (non U.S.)

English

#### DLI CONNECTORS

English

#### Customer Manual (non U.S.)

Japanese