2317581-3 ✔ ACTIVE

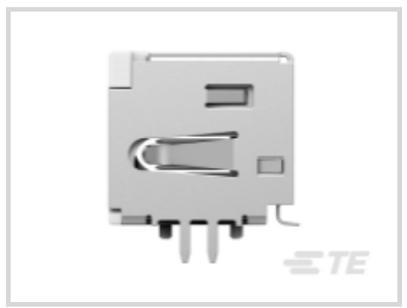
Automotive HSL

TE Internal #: 2317581-3

Cable-to-Board, Shielded, Horizontal, 4 Position, Panel Mount, C Code, 2 mm [.079 in] Centerline, Automotive HSL, Data Connectivity Headers

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Headers




Connector System: **Cable-to-Board**

Sealable: **No**

Shielded: **Yes**

PCB Mount Orientation: **Horizontal**

Number of Positions: **4**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Mixed & Hybrid Connector	No
Connector System	Cable-to-Board
Sealable	No

Configuration Features

Number of Rows	2
PCB Mount Orientation	Horizontal
Number of Positions	4

Body Features

PCB Retention Feature Plating Material	Tin
Body Material	Polyphenylene Sulfide (PPS)
Connector & Keying Code	C

Contact Features

Outer Contact Plating Material	Tin (Sn)

Contact Mating Area Plating Material	Tin (Sn)
Center Contact	Without
Contact Type	Tab
Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.015 in]
Contact Current Rating (Max)	2.5 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Solder Tail
Connector Mounting Type	Panel Mount

Housing Features

Housing Color	Natural
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Product Width	9.8 mm
Product Length	14.36 mm
Connector Height	13.5 mm[.53 in]

Usage Conditions

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

Operation/Application

Solder Process	Reflow Solder Capable
Shielded	Yes

Packaging Features

Packaging Quantity	80
Packaging Method	Tray

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) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°C

Product Compliance Disclaimer

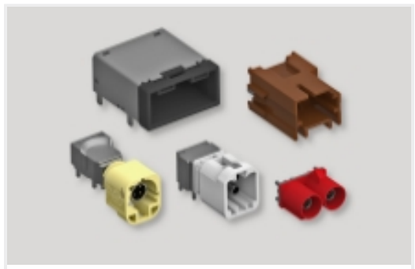
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

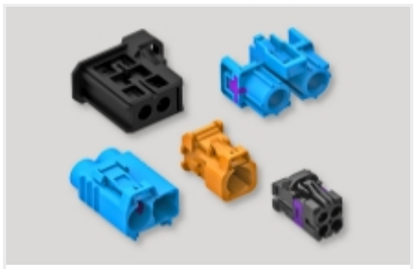


TE Part # 2293641-3
PLUG HOUSING BODY 0.50 HSL CONN. KEY-C

Also in the Series | Automotive HSL



Data Connectivity Headers(16)



Data Connectivity Housings(7)

Customers Also Bought



TE Part #CAT-SIGH262
Signal Header



TE Part #2237138-1
32POS,TAB0.64X0.64,HDR ASSY, 90DEG,SMD



TE Part #2291172-1
025 SMD 8P CAP ASSEMBLY H-TYPE



TE Part #2311621-1
8POS,TAB0.63X0.63,HDR ASSY, 90DEG,SLDR



TE Part #2317581-4
4POS,HSL,0.50,HDR ASSY,COD D,WO FLANGE

TE Part #2330585-1
58POS,HYBRID,HDR ASSY,90DEG

TE Part #2330587-1
86POS,HYBRID,HDR ASSY,180DEG

Documents

Product Drawings

4POS,HSL,0.50,HDR ASSY,COD C,WO FLANGE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2317581-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2317581-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2317581-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Quality Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese