2.5 S.D.L POST/HDR ASY 3P STD ✔ ACTIVE

AMP Signal Double Lock

TE Part # 2-917781-1

TE Internal #: 2-917781-1

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **3**

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

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Glow Wire Rating	Standard Part - Not Glow Wire

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Connector Profile	Standard

Contact Features

Contact Layout	Inline
Contact Underplating Material Thickness	.5 – 1.2 µm[19.68 – 47.24 µin]
PCB Contact Termination Area Plating Material Thickness	.8 µm[31.49 – 98.42 µin]
Mating Post Length	4.7 mm[.18 in]

Contact Shape	Square
Contact Underplating Material	Copper
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.8 µm[31.49 – 98.42 µin]
Contact Type	Tab
Contact Current Rating (Max)	3 A
Contact Transmits (Typical)	Signal (Data)

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
PCB Mount Alignment Type	Locating Posts
Mating Retention Type	Latch
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Retention Type	Kinked
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Contact Retention	Without

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Color	Natural
Housing Material	Nylon 6/6 GF

Dimensions

Connector Length	10 mm
Connector Height	9.8 mm[.38 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	200
Packaging Method	Bag/Box

Product Compliance

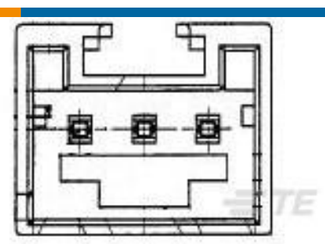
For compliance documentation, visit the product page on TE.com>

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: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



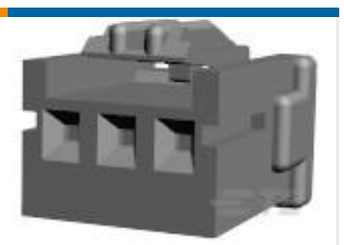
TE Part # 917711-4
2.5 S.D.LOCK HDR HSG 3P H/PRO.



TE Part # 917687-1
2.5 SIGNAL D/LOCK PLUG HSG 3P



TE Part # 5-917687-1
2.5 SIGNAL D/LOCK PLUG HSG 3P(GWT)

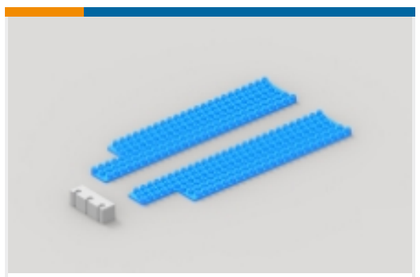


TE Part # 917687-4
2.5 S.D.L PLUG HSG 3P YELLOW

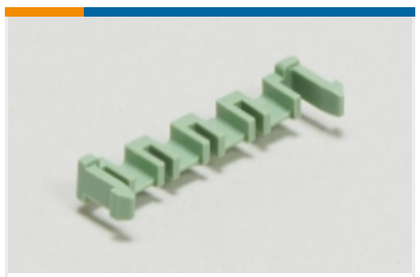
Also in the Series | AMP Signal Double Lock



Connector Contacts(5)



PCB Connector Seals(1)



PCB Latches, Locks & Retainers(17)



Rectangular Caps & Covers (1)



Rectangular Connector Housings(23)



Rectangular Connector Locking(2)



Rectangular Connector Seals(10)



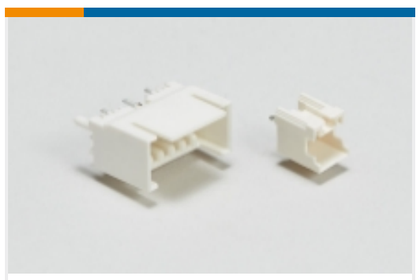
Rectangular Power Connectors(3)



Wire-to-Board Connector Contacts(6)



Wire-to-Board Connector Housings(77)

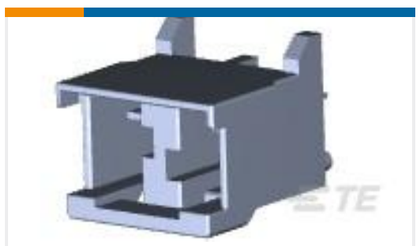


Wire-to-Board Headers & Receptacles(157)

Customers Also Bought



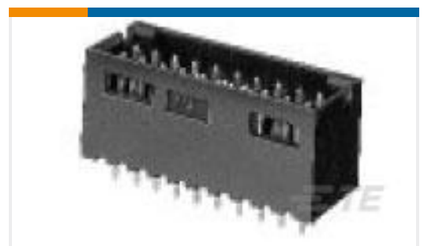
TE Part #1447009-7
SHIELD FINGER 3525



TE Part #1-1747052-2
GIC 7.92MM CONN HDR ASS'Y 2POS RED



TE Part #2134078-1
SHILED FINGER 1210 EMBOSS PACKING



TE Part #5-87589-4
16 MODII HDR DRST SHRD .100CL



TE Part #5-1123724-2
3.96EP HDR ASSY 2(3)P BLACK



TE Part #1-1123724-6
7.92EP HDR ASSY 6P NATURAL



TE Part #1-1565035-4
EP CONN HDR ASSY 4/6P SPECIAL



TE Part #3-2316952-0
3.96 EP HDR ASSY 10P, NO PIN 7,9



TE Part #5-292230-6
1.5 MINI CT SGL V SMT W /BOSS 6

Documents

Product Drawings

2.5 S.D.L POST/HDR ASY 3P STD

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-917781-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-917781-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-917781-1_N.3d_stp.zip

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Conditions of 2.5mm Signal Double Lock Contacts

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

AMP 2.5 SIGNAL DOUBLE LOCK CONNECTOR SERIES

English