2390136-7 ACTIVE

HPI

TE Internal #: 2390136-7

HPI, PCB Mount Header, Wire-to-Board, 7 Position, .049 in [1.25 mm] Centerline, Fully Shrouded, Tin, Surface Mount, Power &

Signal, Natural

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Connectors > PCB Connectors > PCB Headers & Receptacles

Connector System: Wire-to-Board

Number of Positions: 7
Number of Rows: 1

Centerline (Pitch): 1.25 mm [.049 in]

Termination Method to Printed Circuit Board: Surface Mount

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Configuration Features	
Number of Positions	7
Number of Rows	1
Electrical Characteristics	
Termination Resistance	20 mΩ
Insulation Resistance	100 ΜΩ
Dielectric Withstanding Voltage (Max)	500 V
Body Features	

Primary Product Color	Natural	

Contact Features

Contact Layout	Staggered
PCB Contact Termination Area Plating Material Thickness	2 μm[80 μin]
Contact Underplating Material Thickness	1.27 – 2.7 μm[50 – 106 μin]
Contact Mating Area Plating Material Thickness	2 μm[80 μin]



Termination Method to Printed Circuit Board Mechanical Attachment Mating Alignment Type Polarization Mating Retention With PCB Mount Retention Type Solder Peg Mating Retention Type Latch Connector Mounting Type Board Mount Mating Alignment With PCB Mount Alignment With PCB Mount Retention Mating Alignment Without PCB Mount Retention Mount Alignment With Housing Features Mating Entry Location Side Housing Material LCP Centerline (Pitch) 1.25 mm[.019 in] Usage Conditions Operation/Application Assembly Process Feature Pick and Place Cover Circuit Application Industry Standards UL Flammability Rating UL 94V-0		
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Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Assembly Process Feature Pick and Place Cover Circuit Application Power & Signal Industry Standards UL Flammability Rating UL 94V-0 Packaging Features	Housing Material	LCP
Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Assembly Process Feature Circuit Application Industry Standards UL Flammability Rating UL 94V-0 Packaging Features	Centerline (Pitch)	1.25 mm[.049 in]
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Assembly Process Feature Circuit Application Power & Signal Industry Standards UL Flammability Rating UL 94V-0 Packaging Features	Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Circuit Application Power & Signal Industry Standards UL Flammability Rating UL 94V-0 Packaging Features	Operation/Application	
Industry Standards UL Flammability Rating UL 94V-0 Packaging Features	Assembly Process Feature	Pick and Place Cover
UL Flammability Rating Packaging Features UL 94V-0	Circuit Application	Power & Signal
Packaging Features	Industry Standards	
	UL Flammability Rating	UL 94V-0
Packaging Quantity 1500	Packaging Features	
	Packaging Quantity	1500



Packaging Type Carton, Reel

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (4% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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

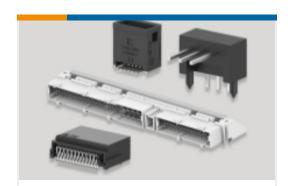
Compatible Parts





Also in the Series | HPI





PCB Headers & Receptacles(362)

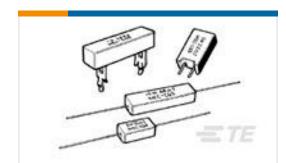


Wire-to-Board Connector Assemblies & Housings(139)



Wire-to-Board Connector Contacts(2)

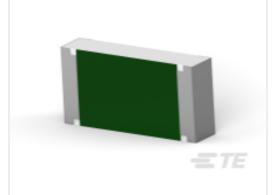
Customers Also Bought



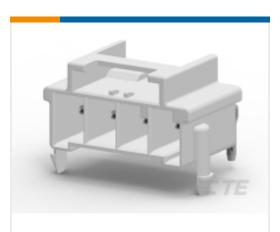
TE Part #2-1623795-3 SQP2 R047 5% WIRE



TE Part #1-1630019-4 HSC200 2K4 5%



TE Part #9-2176397-4 3502 7K5 1%



TE Part #1-1969694-4
PTL 1X4 PCB HEADER R/A HITEMP
KEY A LGR



TE Part #YDTS24T15-18PNV001 RECP ASSY



TE Part #YDTS24T21-35SNV001 RECP ASSY



TE Part #YACT24ME35PNV00100

JAM NUT RECEPTACLE



TE Part #YD369-B99-AP400000 369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



TE Part #YD369-B99-NP400000 369 9 WAY PANEL MNT REC, 90 PCB GOLD,PIN



Documents

Product Drawings

1.25P 7POS WTB R/A BRD W LATCH TIN NA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2390136-7_1.2d_dxf.zip



English

Customer View Model

ENG_CVM_CVM_2390136-7_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2390136-7_1.3d_stp.zip

English

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Product Specifications

English