HPI

TE Internal #: 2380312-9

HPI, Housing, Receptacle, Wire-to-Board, 9 Position, 1.5 mm [.059 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire &

Cable

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings











Connector Product Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 9

Centerline (Pitch): 1.5 mm [.059 in]

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	

Number of Positions	9	
Number of Rows	1	

Electrical Characteristics

Termination Resistance	20 mΩ
Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	1000 ΜΩ
Operating Voltage	50 V

Contact Features



Contact Current Rating (Max)	3 A
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Entry Configuration	Both Ends Closed
Housing Material	66 Nylon
Centerline (Pitch)	1.5 mm[.059 in]
Housing Color	Natural
Dimensions	
Accepts Wire Insulation Diameter Range	.7 – 1.1 mm
Wire Size	$.052 \text{ mm}^2$
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	25000
Packaging Method	Bag & Box
Product Compliance	
For compliance documentation, visit the product page on TE.com>	

Compliant with Exemptions

EU RoHS Directive 2011/65/EU



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

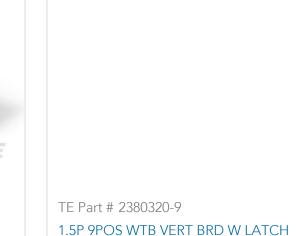
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





TE Part # 2-2381626-9
1.5P 9POS WTB R/A BRD W LATCH
AU NAT



TIN NAT







TIN BLACK









TE Part # 6-2381626-9
1.5P 9POS WTB R/A BRD W LATCH
AU BLACK



Also in the Series | HPI



PCB Headers & Receptacles(362)

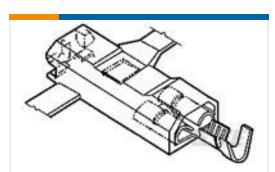


Wire-to-Board Connector Assemblies & Housings(139)



Wire-to-Board Connector Contacts(2)

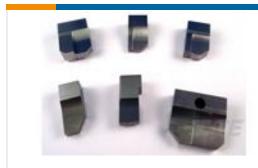
Customers Also Bought



TE Part #521081-1 ULTRA-POD 250 ASSY REC 18-14 AWG BR



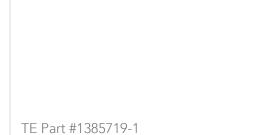
TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P
NYLON GREEN



TE Part #1-853088-0 ANVIL



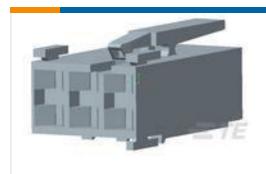
TE Part #1217972-2 250 FASTON,FLAG,REC.,18-14 AWG, NPST



UP.250 STRAIGHT SA110F220F LM



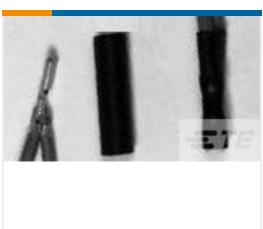
TE Part #1852646-1 EFHBPO200TABLOCK.210O LM/G



TE Part #2-1241817-3
STD TIM HOUSING MKII 3POS



TE Part #530219P009 RNF-150-1/4-0-1.25IN



TE Part #440452-000 RT-3-NO.1-0-2.25IN



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2380312-9_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2380312-9_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2380312-9_1.3d_stp.zip

English

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

Product Specifications

Product Specification

English