HPI

TE Internal #: 2380312-6

HPI, Housing, Receptacle, Wire-to-Board, 6 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: 6

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	6
Number of Rows	1
Electrical Characteristics	

Termination Resistance	$20~\text{m}\Omega$
Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	1000 ΜΩ
Operating Voltage	50 V

Contact Features



Termination Features Termination Method to Wire & Cable Mechanical Attachment Strain Relief Without Panel Mount Feature Without PCB Mount Retention With Cornector 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 mm² Usage Conditions Operating Temperature Range 40 - 105 °C[40 - 221 °F] Cperation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL 94V 0 Packaging Features Packaging Guantity 25000 Packaging Method Bag & Box	Contact Current Rating (Max)	3 A
Mechanical Attachment Strain Relief Without Panel Mount Feature Without PCB Mount Retention Without Mating Retention With Gennector 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 .05 – .2 mm² Usage Conditions Operating Temperature Range .40 – 105 °C (.40 – 221 °F) Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL 94V 0 Packaging Features Packaging Guantity 25000		
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Panel Mount Feature 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 .05 - 2 mm² Usage Conditions Operating Temperature Range 40 - 105 °C[40 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL 94V-0 Packaging Features Packaging Guantity 25000	Mechanical Attachment	
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PCB Mount Retention 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 .05 – .2 mm² Usage Conditions Operating Temperature Range 40 – 105 °C[40 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL 94V-0 Packaging Features Packaging Quantity 25000		
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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 mm² 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	Mating Retention	With
Housing Entry Configuration 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 .05 – .2 mm² Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL Flammability Rating Packaging Features Packaging Quantity 25000	Connector Mounting Type	Cable Mount (Free-Hanging)
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 .05 – .2 mm² Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating Standards Glow Wire Rating UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 25000	Housing Features	
Centerline (Pitch) Housing Color Natural Dimensions Accepts Wire Insulation Diameter Range 7 – 1.1 mm Wire Size .05 – .2 mm² Usage Conditions Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 25000	Housing Entry Configuration	Both Ends Closed
Housing Color Dimensions Accepts Wire Insulation Diameter Range Accepts Wire Insulation Diameter Range 7 - 1.1 mm Wire Size .052 mm² Usage Conditions Operating Temperature Range -40 - 105 °C[-40 - 221 °F] Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 25000	Housing Material	66 Nylon
Dimensions Accepts Wire Insulation Diameter Range .7 – 1.1 mm Wire Size .05 – .2 mm² 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	Centerline (Pitch)	1.5 mm[.059 in]
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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	Accepts Wire Insulation Diameter Range	.7 – 1.1 mm
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	Wire Size	.05 – .2 mm²
Operation/Application Circuit Application Power & Signal Industry Standards Glow Wire Rating UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 25000	Usage Conditions	
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	Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Industry Standards Glow Wire Rating UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 25000	Operation/Application	
Glow Wire Rating UL Flammability Rating Packaging Features Packaging Quantity Standard Part - Not Glow Wire UL 94V-0 25000	Circuit Application	Power & Signal
UL Flammability Rating Packaging Features Packaging Quantity UL 94V-0 25000	Industry Standards	
Packaging Features Packaging Quantity 25000	Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Quantity 25000	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Method Bag & Box	Packaging Quantity	25000
	Packaging Method	Bag & Box
TO A STATE OF THE	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 # 2-2380320-6 1.5P 6POS WTB VERT BRD W LATCH AU NAT



TE Part # 2-2381626-6 1.5P 6POS WTB R/A BRD W LATCH AU NAT



TE Part # 2380320-6 1.5P 6POS WTB VERT BRD W LATCH TIN NAT



TE Part # 2380403-2 1.5P WTB CABLE CRIMP CONTACT GOLD PLT



TE Part # 2381626-6 1.5P 6POS WTB R/A BRD W LATCH TIN NAT



TE Part # 4-2380320-6 1.5P 6POS WTB VERT BRD W LATCH TIN BLACK



TE Part # 4-2381626-6

1.5P 6POS WTB R/A BRD W LATCH
TIN BLACK



TE Part # 6-2380320-6 1.5P 6POS WTB VERT BRD W LATCH AU BLACK





TE Part # 6-2381626-6 1.5P 6POS 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)

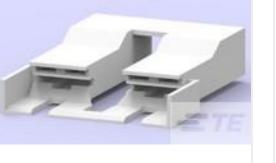
Customers Also Bought



ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



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

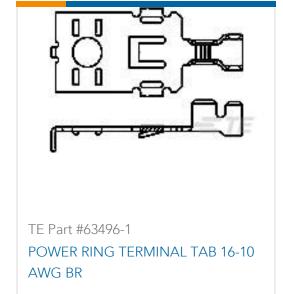


TE Part #1385719-1 UP.250 STRAIGHT SA110F220F LM



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







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



Documents

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_2380312-6_1.2d_dxf.zip

English



Customer View Model

ENG_CVM_CVM_2380312-6_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2380312-6_1.3d_stp.zip

English

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Product Specifications

Product Specification

English