# 1-2390144-3 ACTIVE

### HPI

TE Internal #: 1-2390144-3

HPI, Housing, Receptacle, Wire-to-Board, 13 Position, 1.25 mm [. 049 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: 13

Centerline (Pitch): 1.25 mm [ .049 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               | 13            |

## **Electrical Characteristics**

Number of Rows

| Termination Resistance                | 20 mΩ   |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 500 VAC |
| Insulation Resistance                 | 100 ΜΩ  |
| Operating Voltage                     | 50 V    |

### **Contact Features**



| Contact Current Rating (Max)                                    | 1 A                           |
|---|-------------------------------|
| Termination Features  |                               |
| Termination Method to Wire & Cable                              | Crimon                        |
|   | 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)  | 1.25 mm[.049 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  | 1000                          |
| 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<br>homogenous material. Also BFR/CFR/PVC<br>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**





LATCH TIN NA

















TE Part # 7-2390138-3
1.25P 13POS WTB VERT BRD W
LATCH AU BL



## Also in the Series | HPI



PCB Headers & Receptacles(362)



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



Wire-to-Board Connector Contacts(2)

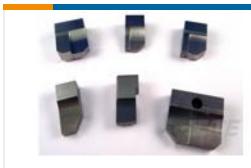
## Customers Also Bought



TE Part #1969104-1 ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



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



TE Part #1-853088-0 ANVIL









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



## **Documents**

Product Drawings
1.25P 13POS WTB CABLE HSG NA

English

**CAD Files** 

3D PDF

3D



**Customer View Model** 

ENG\_CVM\_CVM\_1-2390144-3\_1.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2390144-3\_1.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1-2390144-3\_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