# UPF50B120RV ✔ ACTIVE

Holsworthy | Holsworthy UPF

TE Internal #: 2176163-5

Precision Resistor, Metal Film, .5 W, 120 ohm, .1 %, ±5 ppm/°C, Axial-Leaded, Copper Termination, 10.2 x 4 mm, Bulk, 2 Termination, Holsworthy UPF

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Element Type: **Metal Film**

Power Rating: **.5 W**

Resistance Class: **Up to 1kΩ**

Resistance Value: **120 Ω**

## Features

### Product Type Features

| | |
|---|---|
| Resistor Type | Precision Resistor |
| Element Type | Metal Film |

### Configuration Features

| | |
|---|---|
| Number of Resistors | 1 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 300 V |
| Power Rating | .5 W |
| Resistance Class | Up to 1kΩ |
| Resistance Value | 120 Ω |
| Passive Component Tolerance | .1 % |

### Body Features

| | |
|---|---|
| Lead Type | Axial-Leaded |

### Termination Features

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|---|---|
| Termination Area Base Material | Copper |
| Number of Terminations | 2 |

### Dimensions

| | |
|---|---|
| Passive Component Dimensions | 10.2 x 4 mm |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -55 – 125 °C |
| Temperature Coefficient | ±5 ppm/°C |

## Packaging Features

| | |
|---|---|
| Packaging Method | Bulk |

## 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°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 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 # 2176162-7
UPF25 0.1% 5PPM 250R



TE Part # 1-2176163-5
UPF50 0.1% 5PPM 500R



TE Part # 2176162-9
UPF25 0.1% 5PPM 50R



TE Part # 2176163-3
UPF50 0.1% 5PPM 10K



TE Part # 1-2176163-0
UPF50 0.1% 5PPM 250R

## Also in the Series | Holsworthy UPF

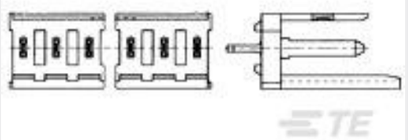


Through-Hole Resistors(28)

## Customers Also Bought



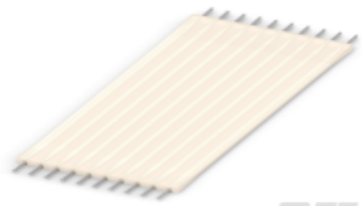
TE Part #1-1478916-0
SMA STR PLG C/CRMP RG174 GSS



TE Part #280610-2
4P MOD 1 SHROUDED HEADER, ST, 0.4 Au



TE Part #2176163-2
UPF50 0.1% 5PPM 100R



TE Part #1474654-7
FSN-23A-10



TE Part #2-1623773-4
C10 3R3 5% (LOOSE)

# Documents

## Product Drawings

UPF50 0.1% 5PPM 120R

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_2176163-5_BA.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2176163-5_BA.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2176163-5_BA.3d_stp.zip

English

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

## Datasheets & Catalog Pages

High Precision Metal Film Leaded Resistor Type UPF Series

English

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Global Electronic Components Distributor

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## TE Connectivity:

936348-1 SBCHE154R7K U5254-000005-030PA 2377783-2 3430B2F51RTDF CPF0402B37K4E1 2834055-1 1-794222-0 1393431-1 175977-2 1969656-1 2-292161-3 2005330-1 1903112-2 3631B101LL 650075-000 917696-1 SBCHE64R7K SMW73R0JT 3-1393225-0 MPT100C18RF TE50BR39J RH73H2A40MKTN ROX05SJ18R CRGCQ2010J3K3 1-962915-1 2310537-1 2380312-2 141991-2 1743455-2