UPF50B1K0V ✔ ACTIVE

Holsworthy | Holsworthy UPF

TE Internal #: 2176163-6

Through-Hole Resistors, Precision Resistor, 10.2 x 4 mm, 2 Termination, Bulk, .1 %, Metal Film, Resistance Class 1kΩ – 1MΩ, 1K Ω, .5 W, Holsworthy UPF

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Precision Resistor**

Passive Component Dimensions: **10.2 x 4 mm**

Number of Terminations: **2**

Packaging Method: **Bulk**

Passive Component Tolerance: **.1 %**

Features

Product Type Features

Product Type	Fixed Resistor
Resistor Type	Precision Resistor
Element Type	Metal Film

Configuration Features

Number of Resistors	1

Electrical Characteristics

Voltage Rating	300 V
Passive Component Tolerance	.1 %
Resistance Class	1kΩ – 1MΩ
Resistance Value	1K Ω
Power Rating	.5 W

Body Features

Passive Component Lead Type	Axial-Leaded

Termination Features

Number of Terminations	2
Passive Component Termination Material Type	Tinned Copper Leads

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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 #3-1625931-1
MCU 10K 10% 1"PL

Documents

Product Drawings

UPF50 0.1% 5PPM 1K0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176163-6_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176163-6_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176163-6_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