UPF25B100RV ✔ ACTIVE

Holsworthy | Holsworthy UPF

TE Internal #: 2176162-2

100 Ω, Metal Film, Precision Resistor, .1 %, 7 x 2.7 mm, 2 Termination, Bulk, .25 W, ±5 ppm/°C, Tinned Copper Leads Termination, Holsworthy UPF

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors

Resistor Type: **Precision Resistor**

Passive Component Dimensions: **7 x 2.7 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	250 V
Passive Component Tolerance	.1 %
Resistance Class	Up to 1kΩ
Resistance Value	100 Ω
Power Rating	.25 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	7 x 2.7 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 #2176163-1
UPF50 0.1% 5PPM 100K

TE Part #2-1676913-7
YR1 0.1% 1M0

TE Part #ZPF000000000008072
983-6K 10-05 S7

TE Part #ZPF000000000008584
983-6S 12-12 PN

TE Part #APH3-09-08-1-B
APH3-09-08-1-B

TE Part #ZPF000000000001648
117-8017-10

TE Part #ZPF000000000003205
630-8007-08 A

TE Part #ZPF000000000003322
653-8002-10

Documents

Product Drawings

UPF25 0.1% 5PPM 100R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2176162-2_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2176162-2_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2176162-2_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