UPF50B500RV ✔ ACTIVE

Holsworthy | Holsworthy UPF

TE Internal #: 1-2176163-5

Precision Resistor, Metal Film, .5 W, 500 Ω, .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: **500 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	500 Ω
Passive Component Tolerance	.1 %

Body Features

Lead Type	Axial-Leaded

Termination Features

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) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2176162-5
UPF25 0.1% 5PPM 120R



TE Part # 2176162-7
UPF25 0.1% 5PPM 250R



TE Part # 2176163-1
UPF50 0.1% 5PPM 100K



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



TE Part # 2176163-4
UPF50 0.1% 5PPM 10R



TE Part # 2176163-6
UPF50 0.1% 5PPM 1K0



TE Part # 2176163-9
UPF50 0.1% 5PPM 20R



TE Part # 2176162-1
UPF25 0.1% 5PPM 100K



TE Part # 2176162-2
UPF25 0.1% 5PPM 100R



TE Part # 2176162-3
UPF25 0.1% 5PPM 10K



TE Part # 2176162-4
UPF25 0.1% 5PPM 10R



TE Part # 2176162-6
UPF25 0.1% 5PPM 1K0



TE Part # 2176162-8
UPF25 0.1% 5PPM 350R



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



TE Part # 1-2176162-0
UPF25 0.1% 5PPM 5K0



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



TE Part # 2176163-5
UPF50 0.1% 5PPM 120R



TE Part # 2176163-7
UPF50 0.1% 5PPM 200R



TE Part # 2176163-8
UPF50 0.1% 5PPM 20K



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

Also in the Series | Holsworthy UPF



Through-Hole Resistors(28)

Customers Also Bought



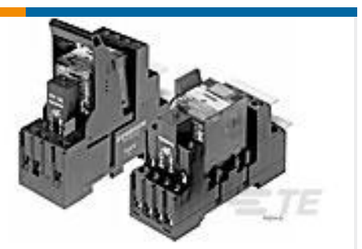
TE Part #160655-4
FF 110 REC TERMINAL 20-15 AWG PTPPB



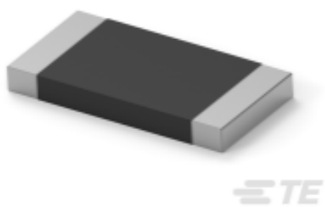
TE Part #2176162-7
UPF25 0.1% 5PPM 250R



TE Part #2176163-6
UPF50 0.1% 5PPM 1K0



TE Part #1415366-1
PT5S7SB5



TE Part #8-2176422-7
TLRP 2512 3.0W R025 1% 75PPM 4K RL

TE Part #BEA088M10000222000
923 RECEPTACLE, SPEEDTEC-READY

Documents

Product Drawings

UPF50 0.1% 5PPM 500R

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2176163-5_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2176163-5_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2176163-5_BA.3d_stp.zip

English

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Datasheets & Catalog Pages

High Precision Metal Film Leaded Resistor Type UPF Series

English