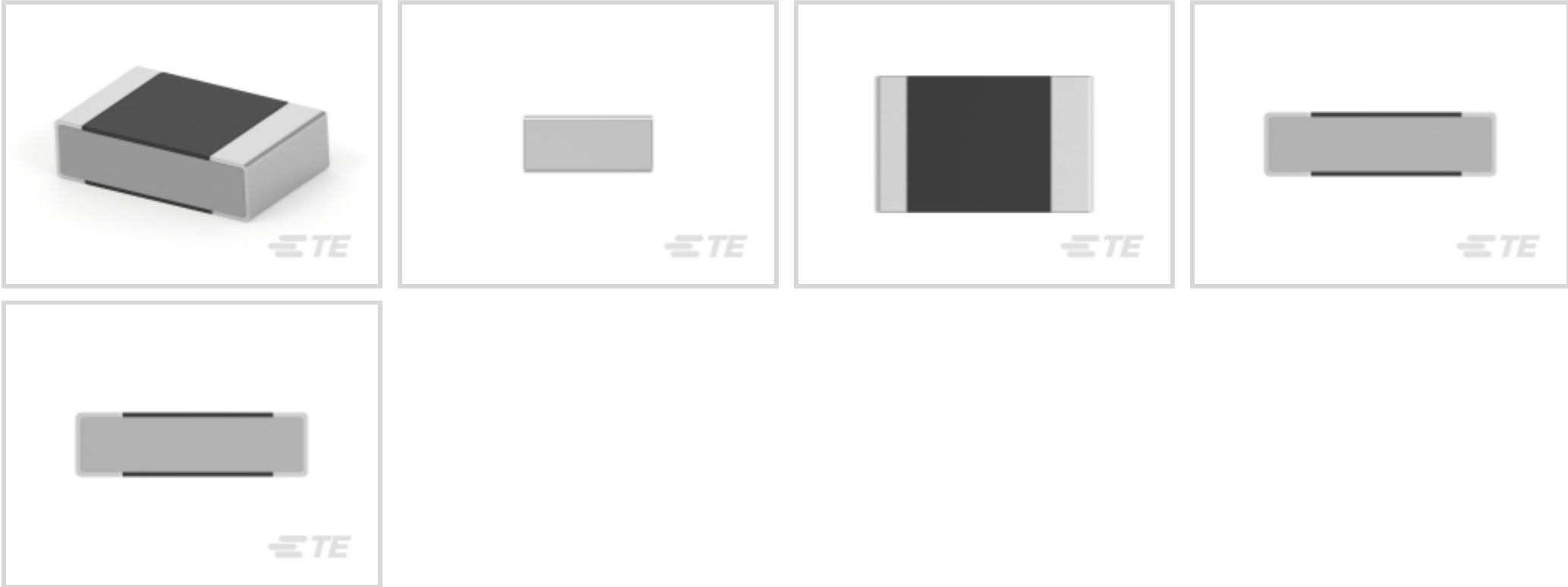




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0805**

Power Rating: **.1 W**

Resistance Value: **100 Ω**

Features

Product Type Features

Resistor Type	Precision Resistor
Element Type	Thin Film
Package Size Code	0805

Configuration Features

Number of Resistors	1
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Electrical Characteristics

Operating Voltage	100 V
Power Rating	.1 W
Resistance Value	100 Ω
Resistance Class	Up to 1k Ω
Passive Component Tolerance	.01 %

Termination Features

Surface Mount Resistor Termination Type	Solder
Number of Terminations	2



Dimensions

Product Height	.55 mm[.022 in]
Product Length	2 mm[.079 in]
Product Width	1.25 mm[.049 in]

Usage Conditions

Temperature Coefficient	±3 ppm/°C
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Packaging Features

Packaging Method	Taped & Reeled
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Reflow solder capable to 260°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

RU73X2A100RLTDF

Precision Resistor, Thin Film, 0805, .1 W, 100 Ω, .01 %, ±3 ppm/°C, Solder, 2 Termination, Height .022 in [.55 mm], Holsworthy RU73



TE Part # 5-2176272-3
RU 0805 10K 0.01% 2PPM 1K RL

TE Part # 4-2176270-7
RU 0805 75R 0.01% 2PPM 1K RL

Also in the Series | [Holsworthy RU73](#)

Surface Mount Resistors(757)

Customers Also Bought

TE Part # 4-1676966-1
SMD Power Resistor: 7 Watt, 200-2M Ohm

TE Part # 1-1969694-5
PTL 1X5 PCB HEADER R/A HITEMP KEY A LGR

TE Part # 1761609-3
IDC LOW PRO HDR 10P RA SHT LAT

TE Part # 2-215307-5
2X25P HV100 REC CON. TE, 7.0MM

TE Part # 967116-1
AMP MCP Unsealed Headers

TE Part # DRC13-70PA-B027
HDR, 70P, BLK, RA, M5, FLG, NI/CU, A

TE Part # 1-826656-6
16P AMPMODU II STIFT LEI

TE Part # 1393204-1
V23148-B0001-A101

Documents

Product Drawings

[RU 0805 100R 0.01% 2PPM 1K RL](#)

English

Datasheets & Catalog Pages

[Thin film chip resistor RU73 series](#)

English

RU73X2A100RLTDF

Precision Resistor, Thin Film, 0805, .1 W, 100 Ω , .01 %, ± 3 ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .022 in [.55 mm], Holsworthy RU73

