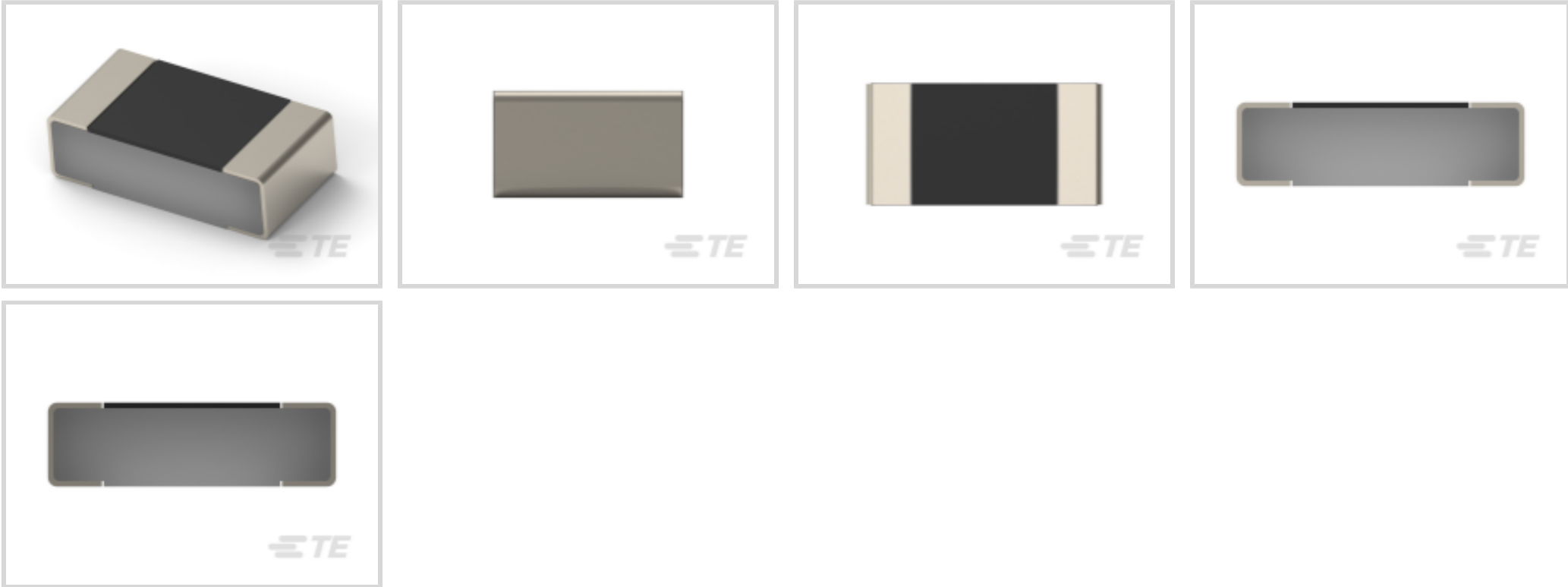




Passive Components > Resistors > Surface Mount Resistors



Resistor Type: **Precision Resistor**

Element Type: **Thin Film**

Package Size Code: **0603**

Power Rating: **.1 W**

Resistance Value: **20K  $\Omega$**

Features

Product Type Features

|                   |                    |
|-------------------|--------------------|
| Resistor Type     | Precision Resistor |
| Element Type      | Thin Film          |
| Package Size Code | 0603               |

Configuration Features

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

Electrical Characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Operating Voltage           | 75 V                      |
| Power Rating                | .1 W                      |
| Resistance Value            | 20K $\Omega$              |
| Resistance Class            | 1k $\Omega$ - 1M $\Omega$ |
| Passive Component Tolerance | .1 %                      |

Termination Features

|                                         |        |
|-----------------------------------------|--------|
| Surface Mount Resistor Termination Type | Solder |
| Number of Terminations                  | 2      |



Dimensions

|                |                  |
|----------------|------------------|
| Product Height | .45 mm[.018 in]  |
| Product Length | 1.55 mm[.061 in] |
| Product Width  | .8 mm[.031 in]   |

Usage Conditions

|                             |                                  |
|-----------------------------|----------------------------------|
| Operating Temperature Range | -55 - 155 $^{\circ}\text{C}$     |
| Temperature Coefficient     | $\pm 15$ ppm/ $^{\circ}\text{C}$ |

Packaging Features

|                  |                |
|------------------|----------------|
| Packaging Method | Taped & Reeled |
|------------------|----------------|

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)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 $^{\circ}\text{C}$                                                                               |

Product Compliance Disclaimer

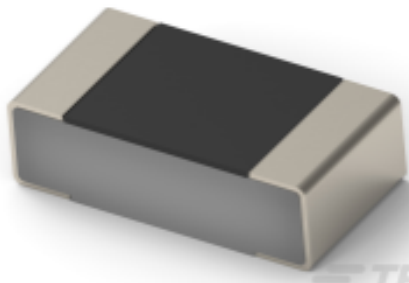
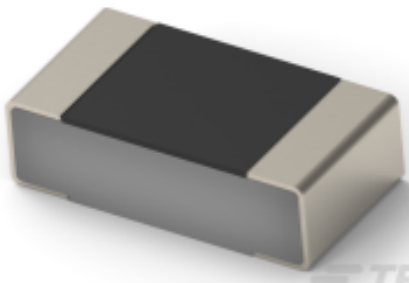
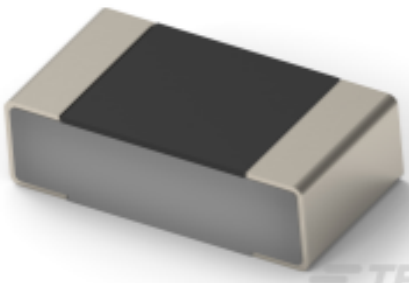
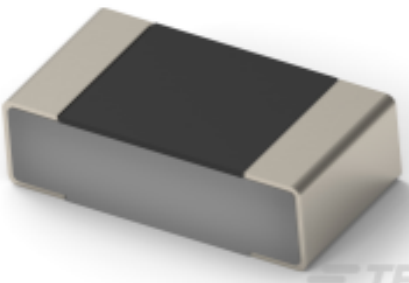
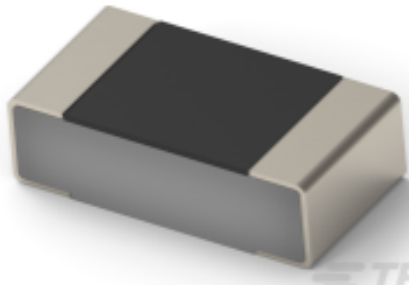
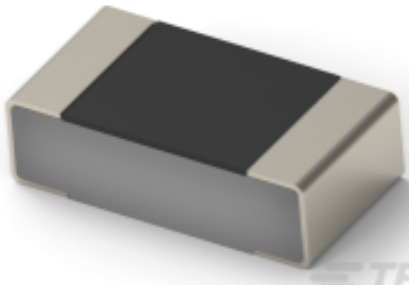
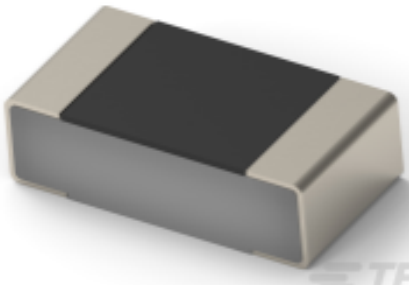
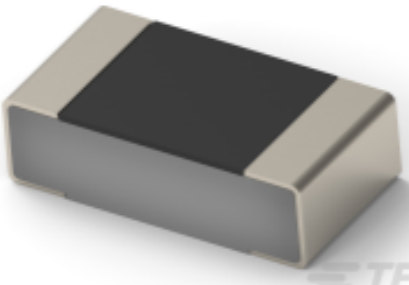
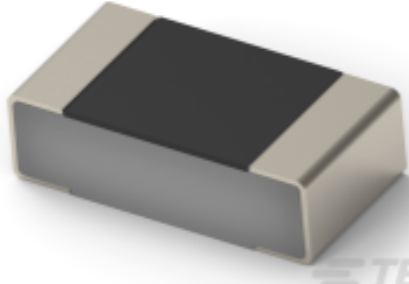
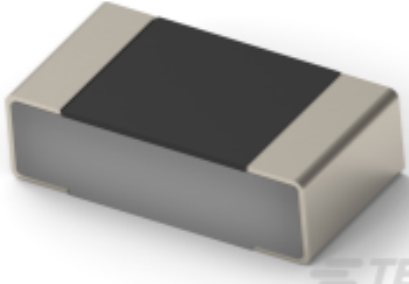
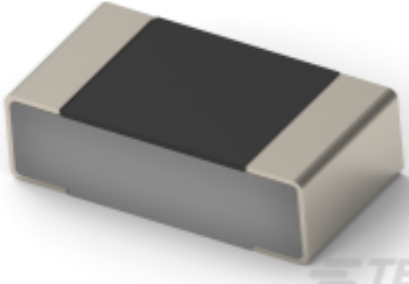
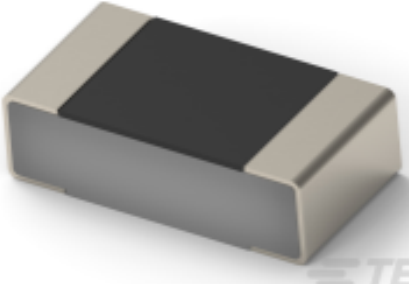
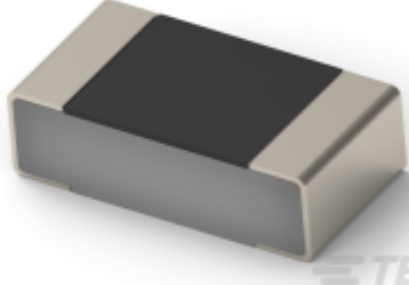
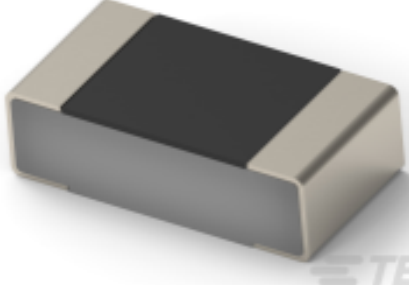
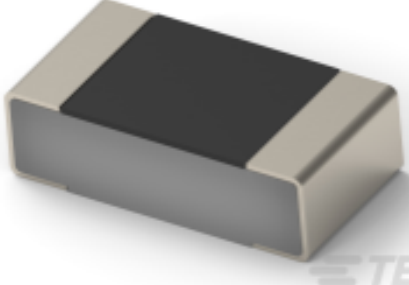
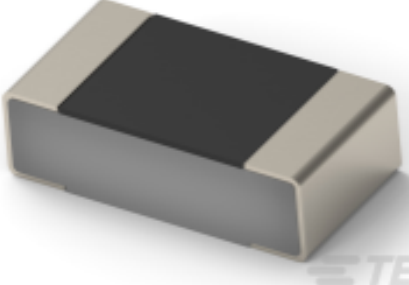
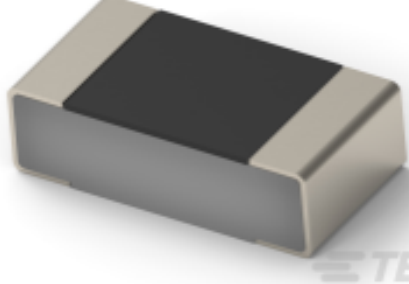
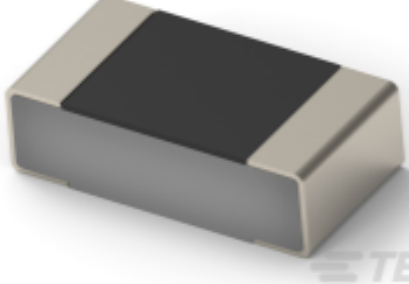
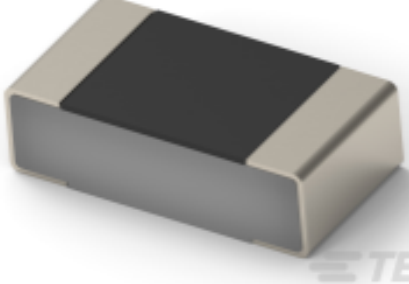
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

RP73D1J20KBTDF

Precision Resistor, Thin Film, 0603, .1 W, 20K  $\Omega$ , .1 %,  $\pm 15$  ppm/ $^{\circ}\text{C}$ , Solder, 2 Termination, Height .018 in [.45 mm], Holsworthy RP73

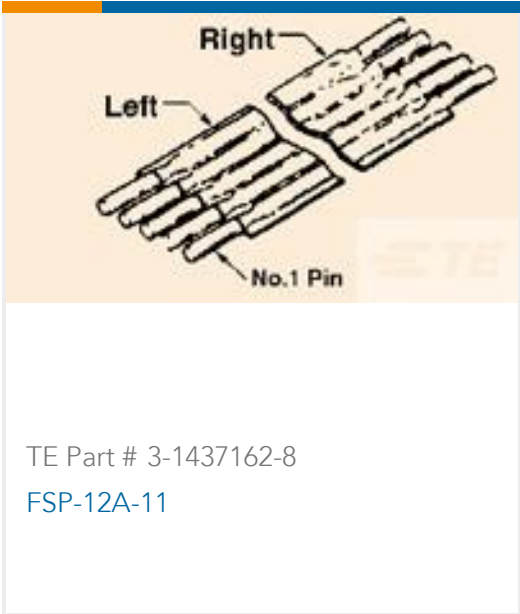


|                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                         |                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2-1879808-9<br/>RP 1J 10K 0.1% 15PPM 1K RL</p>         |  <p>TE Part # 3-1879808-8<br/>RP 1J 0.1W 10R 0.1% 15PPM 1K RL</p>    |  <p>TE Part # 4-1879808-3<br/>RP 1J 0.1W 110K 0.1% 15PPM 5K RL</p>   |  <p>TE Part # 2-1879808-4<br/>RP 1J 118R 0.1% 15PPM 1K RL</p>        |
|  <p>TE Part # 3-1879808-1<br/>RP 1J 0.1W 11K5 0.1% 15PPM 1K RL</p>   |  <p>TE Part # 3-1879808-2<br/>RP 1J 0.1W 11R 0.1% 15PPM 1K RL</p>    |  <p>TE Part # 2-1879808-5<br/>RP 1J 143R 0.1% 15PPM 1K RL</p>        |  <p>TE Part # 3-1879808-3<br/>RP 1J 0.1W 158R 0.1% 15PPM 1K RL</p>   |
|  <p>TE Part # 3-1879808-9<br/>RP 1J 0.1W 287R 0.1% 15PPM 1K RL</p> |  <p>TE Part # 2-1879808-6<br/>RP 1J 28K7 0.1% 15PPM 1K RL</p>      |  <p>TE Part # 4-1879808-0<br/>RP 1J 0.1W 28K 0.1% 15PPM 1K RL</p>  |  <p>TE Part # 2-1879808-8<br/>RP 1J 40R2 0.1% 15PPM 1K RL</p>      |
|  <p>TE Part # 3-1879808-4<br/>RP 1J 0.1W 42K2 0.1% 15PPM 1K RL</p> |  <p>TE Part # 2-1879808-7<br/>RP 1J 4R75 0.1% 15PPM 1K RL</p>      |  <p>TE Part # 4-1879808-1<br/>RP 1J 0.1W 536R 0.1% 15PPM 1K RL</p> |  <p>TE Part # 3-1879808-5<br/>RP 1J 0.1W 787R 0.1% 15PPM 1K RL</p> |
|  <p>TE Part # 3-1879808-6<br/>RP 1J 0.1W 866R 0.1% 15PPM 1K RL</p> |  <p>TE Part # 3-1879808-7<br/>RP 1J 0.1W 887R 0.1% 15PPM 1K RL</p> |  <p>TE Part # 4-1879808-2<br/>RP 1J 0.1W 953R 0.1% 15PPM 1K RL</p> |                                                                                                                                                         |

Also in the Series | [Holsworthy RP73](#)



Customers Also Bought



Documents

Product Drawings

RP 1J 20K 0.1% 15PPM 1K RL

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-1879808-0\_BA.2d\_dxf.zip

RP73D1J20KBTDF

Precision Resistor, Thin Film, 0603, .1 W, 20K  $\Omega$ , .1 %,  $\pm 15$  ppm/ $^{\circ}$ C, Solder, 2 Termination, Height .018 in [.45 mm], Holsworthy RP73



English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1879808-0\\_BA.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1879808-0\\_BA.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[RP73-0915](#)

English