MPR20HR22J × OBSOLETE

CGS

TE Internal #: 2-1623809-6

TE Internal Description: MPR20 R22 5% 250PPM

View on TE.com >

Passive Components > Resistors > Through-Hole Resistors



Resistor Type: **Power Resistor**

Element Type: **Thin Film**

Package Size Code: **TO220**

Power Rating: **20 W**

Resistance Class: **Up to 1kΩ**

Features

Product Type Features

Resistor Type	Power Resistor
Element Type	Thin Film
Package Size Code	TO220

Configuration Features

Number of Resistors	1

Electrical Characteristics

Operating Voltage	500 V
Power Rating	20 W
Resistance Class	Up to 1kΩ
Resistance Value	.22 Ω
Passive Component Tolerance	5 %

Termination Features

Termination Area Base Material	Copper
Number of Terminations	2

Dimensions

Passive Component Dimensions	10.6 x 4.5 x 15 mm

Usage Conditions

Temperature Coefficient	±250 ppm/°C

Packaging Features

Packaging Method	Loose Piece - Bag

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	Not 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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.43% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

Customers Also Bought



TE Part #3954384002
CGPE-105-1/2-0-SP



TE Part #20014203-12
PRESS XDCR M325M-000005-250PG



TE Part #1-1625893-3
5W SM M/OX 2% 22R



TE Part #9-2176415-0
8W STD M/OX 5% 150K



TE Part #9-2176415-1
8W STD M/OX 5% 160K



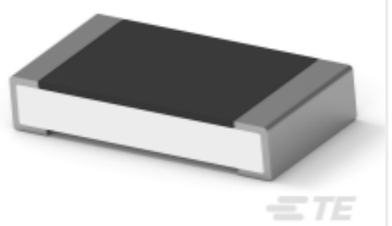
TE Part #2-2176455-5
CPF 0402 7R5 0.1% 25ppm 1K RL



TE Part #2-2329328-0
PB OFF/ON HC BLU M4 TERM. IP68



TE Part #2329359-9
PB ON/OFF HC GRE M1 TERM IP68 500MM LHS



TE Part #1-2176391-0
RQ 1206 15K4 0.1% 10PPM 5K RL



TE Part #5-146496-2
04 MODII HDR DRST UNSHRD STKG

Documents

Datasheets & Catalog Pages

4-1773460-6_RESISTIVE_SOLUTIONS_RAIL

English

1309350_PASSIVE_COMPONENT

English

Radial Leaded High Power Resistor - Type MPR series

English

8-1773459-4_POWER_FILTERING_AND_RESISTIVE_SOLUTIONS_FOR_ELEVATORS_AND_ESCALATORS

English