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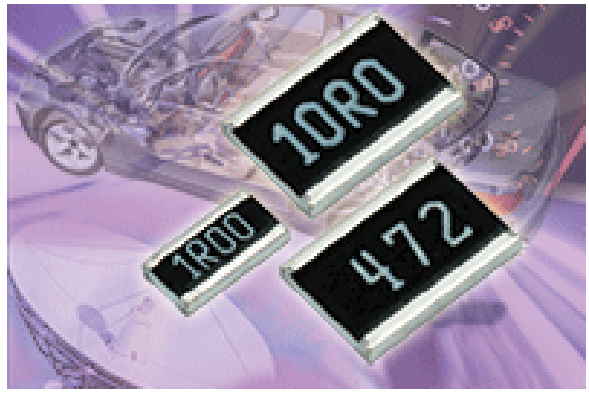
New RCA-LS e3 Series of Sulfur-Resistant Long Side Termination Thick Film Chip Resistors Features High Power Ratings to 2.0 W

Product Benefits:



- Sulfur-resistant
- Long side terminations
- Enhanced power ratings to 2.0 W
- AEC-Q200 qualified
- Available in five compact case sizes: 0406, 0612, 1020, 1218, and 1225
- Resistance range from 1 Ω up to 2.2 MΩ
- Tolerances of ± 1 % and ± 5 %
- TCR of ± 100 ppm/K and ± 200 ppm/K
- Operating voltage range from 50 V to 200 V
- RoHS-compliant and halogen-free

Market Applications:

- High power automotive and industrial applications in high-sulfur environments

The News:

Vishay Intertechnology releases a new series of sulfur-resistant long side termination thick film chip resistors optimized for automotive and industrial applications.

- Patented construction provides a sulfur withstand ability in accordance to ASTM B809-95, tested at advanced level of 90 °C for 1,000 hours
- Wide terminals enable high power ratings
- Compact case sizes save space on densely packed PCBs

The Key Specifications:

Part #	Case size	Power rating P_{70} (W)	Operating voltage (V)
RCA0406-LS e3	0406	0.25	50
RCA0612-LS e3	0612	0.5	75
RCA1020-LS e3	1020	1.0	200
RCA1218-LS e3	1218	1.0	200
RCA1225-LS e3	1225	2.0	200

Note: The specified power rating requires dedicated mounting conditions to achieve the required thermal resistance

Availability:
Samples and production quantities of the RCA-LS e3 series are available now, with lead times of eight to 10 weeks.

To access the product datasheet on the Vishay website, go to
http://www.vishay.com/ppg?20060 (RCA-LS e3)

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