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RPE82RM050V1012B

Aluminum Electrolytic Capacitors

Miniature Type
RPE Series

Richey P/N: RPE82RM050V1012B



Specifications:

Dimensions:

Case Size D x L (mm): 10 x 12.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 82

Leakage Current: 82

Rated Ripple Current: 443 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.18 @ +20°C, 100kHz

Max ESR (m Ω): 1.618 @ +20°C, 120Hz

Load Life:

Case Size 5 6.3 ~ 8 10 12.5 \geq 16

Load Life 2000 3000 5000 7000 8000

Capacitance Change: Within +/- 20% of the initial measured value.

Dissipation Factor ($\tan\delta$): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value

*ROHS Compliant