



1219 4th Avenue South
Nashville, TN 37210

Phone: (615) 254-3561
Fax: (615) 255-7673
Email: sales@richeycap.com
Web: richeycap.com

RPE681M6R3V0816B

Aluminum Electrolytic Capacitors

Miniature Type
RPE Series

Richey P/N: RPE681M6R3V0816B



Specifications:

Dimensions:

Case Size D x L (mm): 8 x 16

Operating Temperature Range: -55-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance (μF): 680

Leakage Current: 85.68

Rated Ripple Current: 617 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.13 @ +20°C, 100kHz

Max ESR (m Ω): 0.429 @ +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