



1219 4th Avenue South
Nashville, TN 37210

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

RNL6R8X050V1631B

X Grade +/- 15%

Aluminum Electrolytic Capacitors

Miniature Type
RNL Series

Richey P/N: RNL6R8X050V1631B

Specifications:

Dimensions:

Case Size D x L (mm): 16 x 31.5

Operating Temperature Range: -40-85 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (µF): 6.8

Leakage Current: 14.2

Maximum Ripple Current: 228 mA rms @ +85°C, 1kHz

Max ESR (mΩ): 9.76 @ +20°C, 120Hz

Load Life:

1000

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

Dissipation Factor (tanδ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value

*ROHS Compliant

