



1219 4th Avenue South  
Nashville, TN 37210

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

# DTD123V900MX254

Aluminum Electrolytic Capacitors

Miniature Type  
DNELLE TESTING

Richey P/N: DTD123V900MX254

## Specifications:

Dimensions:

Diameter (D) mm: 12  
Length (L) mm: 34  
Width (W) mm: 56  
Height (H) mm: 78  
Thickness (T) mm: 99  
Lead Spacing (P) mm: 101  
Lead Diameter (d) mm: 102  
Case Size D x L (mm): 5x5

Operating Temperature Range: -25-57 °C & -50-105 °C

Rated Voltage: 100 VDC

Surge Voltage: 300 V

Capacitance (μF): 1000

Dissipation Factor: 45 @ +20°C, 1KHz

Insulation Resistance (mΩ): 22 (C ≤0.1uF), 33 • uF (C >0.1uF), 44 (C ≤0.33uF), 55 • uF (C ≤0.1uF), 66 (C >0.33uF), 77 • uF (C > 0.33uF), 88 (C <0.1uF), 99 • uF (C ≤0.33uF)

Leakage Current: 200004

Rated Ripple Current: 123 A rms @ +85°C, 120Hz

Maximum Ripple Current: 78 A rms @ +85°C, 120Hz



Maximum Impedance: 53 @ +20°C, 100kHz

Typical ESR (mΩ): 67 @ +20°C, 120Hz

Max ESR (mΩ): 86 @ +20°C, 120Hz

Load Life:

**RICHEY**  
**CAPACITOR**

1219 4th Avenue South  
Nashville, TN 37210

**Phone:** (615) 254-3561

**Fax:** (615) 255-7673

**Email:** sales@richeycap.com

**Web:** richeycap.com

dtdtest loadlife

Capacitance Change: dtdtest Series Load Life Capacitance Change

Dissipation Factor (tanδ): dtdtest 1

Leakage Current: dtdtest 2

Useful Life dtd useful life conditions °C: 54 one in seven

Capacitance Change: dtdtest 4

Dissipation Factor (tanδ): dtdtest 5

Leakage Current: dtdtest 6

Shelf Life dtd shelf life conditions °C: 75

Capacitance Change: dtdtest 8

Dissipation Factor (tanδ): dtdtest 9

Leakage Current: dtdtest 10

## Notes

dtdtest part number notes

\*ROHS Compliant