1219 4th Avenue South
Nashville, TN 37210

Phone: (615) 254-3561
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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): 5×5

Operating Temperature Range: -25-57 ºC & -50-105 ºC

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 Impedence: 53 @ +20°C, 100kHz

Typical ESR (mΩ): 67 @ +20°C, 120Hz

Max ESR (mΩ): 86 @ +20°C, 120Hz

Load Life:

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 ºC: 54 one in seven

Capacitance Change: dtdtest 4
Dissipation Factor (tanδ): dtdtest 5
Leakage Current: dtdtest 6

Shelf Life dtd shelf life conditions ºC: 75

Capacitance Change: dtdtest 8
Dissipation Factor (tanδ): dtdtest 9
Leakage Current: dtdtest 10

Notes

dtdtest part number notes

*ROHS Compliant

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