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NEW PRODUCTS

Aluminum Electrolytic Capacitors

+105°C Organic Semiconductor Radial Lead Electrolytic Capacitors



Part Number: 105AFX025M

[General Specifications \(PDF\)](#)

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Electrical Specifications

Capacitance: 1.0 μ F

Tolerance: -20 %, +20 %

Dissipation Factor: 0.07 at 120 Hz

ESR: 116.05 Ohms at 20° C and 120 Hz

ESR: 350.0 milliOhms at 20° C and 100 - 300kHz

Impedance:

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Impedance Ratios:

.75 to 1.25 at -55°C/20°C

.75 to 1.25 at +105°C/20°C

Load Life:

2000 Hours at 105°C with 100% of rated voltage and with 0% of rated ripple current

Temperature Range: -55°C to +105°C

WVDC: 25 volts DC

SVDC: 29. volts DC

Leakage Current:

0.5 μ A after 2 Minutes

Ripple Current:

430.0 mA at 100 kHz and 45°C

Physical Specifications

Diameter (D): 5.0 mm + 0.5 mm

Length (L): 6.8 mm + 1.0 mm

Lead Wire Diameter (d): 0.5 mm + 0.05 mm

Lead Spacing: 2.0 mm +/- 0.5 mm

Lead Length: 15 mm



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