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Aluminum Electrolytic Capacitors

+85°C General Purpose Surface Mount Chip Aluminum Electrolytic Capacitors

Part Number: 476SML016MD5

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

[Special Order Options](#)

[SML document \(PDF\)](#)



Electrical Specifications

Capacitance: 47.0 uF
Tolerance: -20 %, +20 %
Dissipation Factor: 0.2 at 120 Hz
ESR: 7.055 Ohms at 20° C and 120 Hz
Impedance:
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Temperature Range: -40°C to +85°C
WVDC: 16 volts DC
SVDC: 20.0 volts DC
Leakage Current:
 7.52 uA after 1 Minute
Ripple Current:
 52.0 mA at 120 Hz and 85°C

Impedance Ratios:
 2.0 at at -25°C/20°C
 4.0 at at -40°C/20°C
Load Life:
 2000 Hours at 85°C with 100% of rated voltage and with 0% of rated ripple current

Physical Specifications

Diameter (D): 5.0 mm + 0.5 mm
Length (L): 5.4 mm + 0.2 mm
Lead Spacing: 1.4 mm +/- 0.2 mm
Lead Wire(R): 0.5 mm to 0.8 mm
Base Length(H): 5.3 mm +/- 0.2 mm
Lead to Lead(C): 6.0 mm +/- 0.2 mm
Base Width(W): 5.3 mm +/- 0.2 mm

