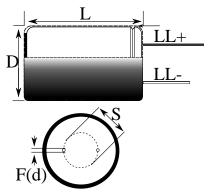
KEMET Part Number: ESC477M016AH1AA



ESC, Aluminum Electrolytic, 105C LowZ, 470 uF, 20%, 16 V, -40/+105C, Lead Spacing = 5mm



| Dimensions | |
|-------------|---------------|
| D | 10mm +/-0.5mm |
| L | 12mm +1.5mm |
| S | 5mm +/-0.5mm |
| LL Negative | 15mm MIN |
| LL Positive | 20mm MIN |
| F | 0.6mm NOM |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging: | Bulk, Bag | |
| Packaging Quantity: | 4000 | |

| General Information | | |
|---------------------|---|--|
| Supplier: | KEMET | |
| Series: | ESC | |
| Dielectric: | Aluminum Electrolytic | |
| Description: | LowESR Single Ended Aluminum Electrolytic | |
| Features: | Low ESR | |
| RoHS: | Yes | |
| Lead: | Wire Leads | |

| Specifications | |
|--------------------------|-------------------------|
| Capacitance: | 470 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 16 VDC, 20 VDC (Surge) |
| Temperature Range: | -40/+105C |
| Rated Temperature: | 105C |
| Life: | 2000 Hrs |
| Dissipation Factor: | 12% |
| Resistance: | 0.085 Ohms (100kHz) |
| Current: | 800 mAmps (100kHz 105C) |
| Leakage Current: | 75 uA (2min 20C) |
| Impedance Ratio at -25C: | 3 |
| Impedance Ratio at -40C: | 4 |

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