

KEMET Part Number: A50EF31002660K
(50EF31002660K)

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a YAGEO company

A50, Film, Metallized Polyester, Automotive Grade, 0.1 uF, 10%, 63 VAC, 100 VDC, 85°C



| General Information | |
|---------------------|---|
| Series: | A50 |
| Dielectric: | Metallized Polyester |
| Style: | Axial |
| Features: | Automotive Grade |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 1000 |

| Dimensions | |
|------------|-----------------|
| D | 5mm MAX |
| L | 11mm MAX |
| LL | 20mm MIN |
| F | 0.6mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging: | T&R |
| Packaging Quantity: | 3000 |

| Specifications | |
|------------------------|-------------------------|
| Capacitance: | 0.1 uF |
| Capacitance Tolerance: | 10% |
| Voltage AC: | 63 VAC |
| Voltage DC: | 100 VDC, 75 VDC (105C) |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.80% 1kHz, 1.20% 10kHz |
| Insulation Resistance: | 3.75 GOhms |
| Max dV/dt: | 5 V/us |
| Inductance: | 7 nH |

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