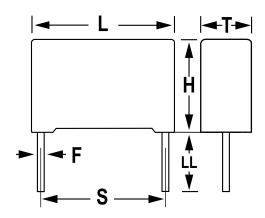
KEMET Part Number: C4AF9BU4100A1WK



C4AF, Film, Metallized Polypropylene, Power, 1 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 27.5mm



| Dimensions | | |
|------------|-----------------|--|
| L | 31.5mm +0.5mm | |
| Н | 20mm +0.2mm | |
| Т | 11mm +0.3mm | |
| S | 27.5mm +/-0.4mm | |
| LL | 6mm +0/-2mm | |
| F | 0.8mm +/-0.05mm | |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging: | Bulk, Box | |
| Packaging Quantity: | 256 | |

| General Information | | |
|---------------------|---|--|
| Series: | C4AF | |
| Dielectric: | Metallized Polypropylene | |
| Style: | Radial | |
| Features: | Harsh Environmental Conditions | |
| RoHS: | Yes | |
| Lead: | Wire Leads | |
| Qualifications: | AEC-Q200, IEC61071, EN61071, VDE0560 | |
| AEC-Q200: | Yes | |
| Miscellaneous: | Rth = 44 C/W. | |

| Specifications | | |
|------------------------|--------------------------------------|--|
| Capacitance: | 1 uF | |
| Capacitance Tolerance: | 10% | |
| Voltage AC: | 310 VAC | |
| Voltage DC: | 630 VDC | |
| Temperature Range: | -55/+105°C | |
| Rated Temperature: | 85°C | |
| Dissipation Factor: | 0.07% MAX | |
| Insulation Resistance: | 30 MOhms | |
| Max dV/dt: | 45 V/us | |
| Resistance: | 20.8 mOhms | |
| Ripple Current: | 4.5 Amps Irms (MAX), 45 Amps Ipkr | |
| Inductance: | 24 nH (ESL) | |

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