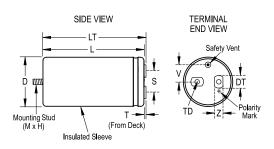
KEMET Part Number: ALS31A103KE100

(A431LH103M100A)



ALS31, Aluminum Electrolytic, 10,000 uF, 20%, 100 VDC, -40/+85°C



| General Information | |
|---------------------|--|
| Series: | ALS31 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| AEC-Q200: | No |
| Component Weight: | 220 g |
| Notes: | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. |
| Shelf Life: | 156 Weeks |

| Dimensions | |
|------------|-----------------|
| D | 51mm +/-1mm |
| L | 82mm +/-2mm |
| Т | 5.5mm +/-0.5mm |
| S | 22.2mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | 86.5mm +/-1mm |
| TD | 10mm MIN |
| V | 13.7mm NOM |
| Z | 10mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Sleeving: | Yes |
| Packaging: | Bulk, Box |

| Specifications | |
|------------------------|---|
| Capacitance: | 10,000 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 100 VDC, 115 VDC (Surge) |
| Temperature Range: | -40/+85°C |
| Rated Temperature: | 85°C |
| Life: | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C) |
| Resistance: | 28 mOhms (100Hz 20C), 24 mOhms (10kHz 20C) |
| Ripple Current: | 10.1 Amps (100Hz 85C), 10.5 Amps (10kHz 85C) |
| Leakage Current: | 6000 uA (5min 20°C) |

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