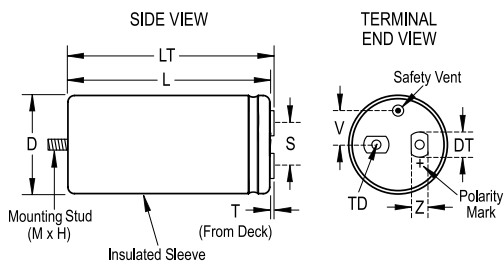


KEMET Part Number: ALS31A473MF063
(A431PM473M063A)



ALS31, Aluminum Electrolytic, 47,000 uF, 20%, 63 VDC, -40/+85°C



| General Information | |
|--------------------------|--|
| Series: | ALS31 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| AEC-Q200: | No |
| Component Weight: | 505 g |
| Notes: | Dimensions D And L Include Sleevling. MS (MxH) = M12x16. |
| Shelf Life: | 156 Weeks |

| Dimensions | |
|------------|-----------------|
| D | 66mm +/-1mm |
| L | 105mm +/-2mm |
| T | 5.5mm +/-0.5mm |
| S | 28.5mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | 110.5mm +/-1mm |
| TD | 10mm MIN |
| V | 15.8mm NOM |
| Z | 10mm NOM |

| Specifications | |
|-------------------------------|---|
| Capacitance: | 47,000 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 63 VDC, 72.5 VDC (Surge) |
| Temperature Range: | -40/+85°C |
| Rated Temperature: | 85°C |
| Life: | 19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C) |
| Resistance: | 8 mOhms (100Hz 20C), 7 mOhms (10kHz 20C) |
| Ripple Current: | 26.7 Amps (100Hz 85C), 26.5 Amps (10kHz 85C) |
| Leakage Current: | 6000 uA (5min 20°C) |

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

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