

KEMET Part Number: ALS30A682DF100
(A331FM682M100A)



ALS30, Aluminum Electrolytic, 6,800 uF, 20%, 100 VDC, -40/+85°C



| General Information | |
|--------------------------|---|
| Series: | ALS30 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| AEC-Q200: | No |
| Component Weight: | 140 g |
| Notes: | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life: | 156 Weeks |

| Dimensions | |
|------------|-----------------|
| D | 36mm +/-1mm |
| L | 105mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | 111.5mm +/-1mm |
| TD | 10mm MIN |
| V | 8mm NOM |

| Specifications | |
|-------------------------------|---|
| Capacitance: | 6,800 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 100 VDC, 115 VDC (Surge) |
| Temperature Range: | -40/+85°C |
| Rated Temperature: | 85°C |
| Life: | 11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C) |
| Resistance: | 23 mOhms (100Hz 20C), 19 mOhms (10kHz 20C) |
| Ripple Current: | 10 Amps (100Hz 85C), 11.1 Amps (10kHz 85C) |
| Leakage Current: | 4080 uA (5min 20°C) |

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

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