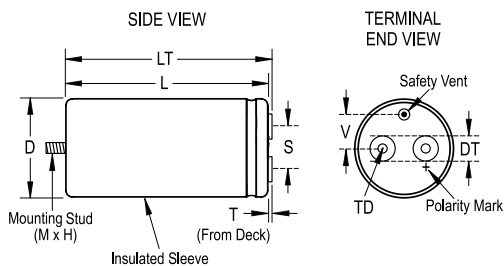


KEMET Part Number: ALS31A153DB040
(A431FD153M040A)

ALS31, Aluminum Electrolytic, 85C, 15,000 uF, 20%, 40 VDC, -40/+85C



| Dimensions | |
|------------|-----------------|
| D | 36mm +/-1mm |
| L | 62mm +/-2mm |
| T | 7.14mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | 67.5mm +/-1mm |
| TD | 10mm MIN |
| V | 8mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Weight: | 90 g |
| Sleeving: | Yes |
| Packaging: | Bulk, Box |

| General Information | |
|---------------------|-------------------------------------------------------|
| Supplier: | KEMET |
| Series: | ALS31 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| Notes: | Dimensions D And L Include Sleeving. MS (MxH) = M8x12 |

| Specifications | |
|------------------------|---------------------------------------------------------------------------------------|
| Capacitance: | 15,000 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 40 VDC, 46 VDC (Surge) |
| Temperature Range: | -40/+85C |
| Rated Temperature: | 85C |
| Life: | 11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C) |
| Resistance: | 17 mOhms (100Hz 20C), 14 mOhms (10kHz 20C) |
| Ripple Current: | 9.5 Amps (100Hz 85C), 10 Amps (10kHz 85C) |
| Leakage Current: | 3600 uA (5min 20C) |