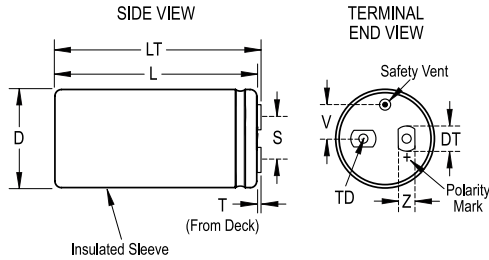


KEMET Part Number: ALS80A242QC500
(A381UE242M500A)



ALS80, Aluminum Electrolytic, 2,400 uF, 20%, 500 VDC, -40/+105°C



| Dimensions | |
|------------|-----------------|
| D | 90mm +/-1mm |
| L | 67mm +/-2mm |
| T | 5.5mm +/-0.5mm |
| S | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | 71.5mm +/-1mm |
| TD | 10mm MIN |
| V | 25mm NOM |
| Z | 10mm NOM |

| Packaging Specifications | |
|--------------------------|------|
| Sleeving: | Yes |
| Packaging: | Tray |

| General Information | |
|---------------------|--|
| Series: | ALS80 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| AEC-Q200: | No |
| Halogen Free: | Yes |
| Component Weight: | 615 g |
| Notes: | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N |
| Shelf Life: | 156 Weeks |

| Specifications | |
|------------------------|--|
| Capacitance: | 2,400 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 500 VDC, 550 VDC (Surge) |
| Temperature Range: | -40/+105°C |
| Rated Temperature: | 105°C |
| Life: | 9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C) |
| Resistance: | 98 mOhms (100Hz 20C), 74 mOhms (10kHz 20C) |
| Ripple Current: | 9.4 Amps (100Hz 105C), 14.9 Amps (10 kHz 105C) |
| Leakage Current: | 3600 uA |

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