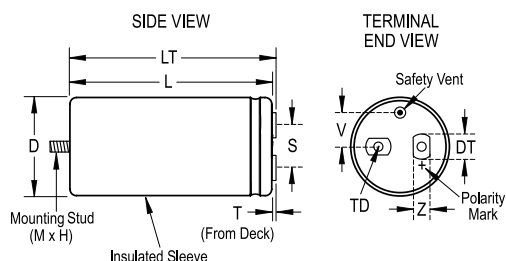


**KEMET Part Number: ALS31A223MF100**  
(A431PM223M100A)

ALS31, Aluminum Electrolytic, 22,000 uF, 20%, 100 VDC, -40/+85°C



| 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        |

| Packaging Specifications |           |
|--------------------------|-----------|
| Weight:                  | 505 g     |
| Sleeving:                | Yes       |
| Packaging:               | Bulk, Box |

| General Information |   |
|---------------------|---|
| Series:             | ALS31   |
| Dielectric:         | Aluminum Electrolytic                                   |
| Description:        | Screw Terminal, Aluminum Electrolytic                   |
| RoHS:               | Yes   |
| Mounting:           | Stud  |
| AEC-Q200:           | No  |
| Notes:              | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 22,000 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 100 VDC, 115 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:            | 13 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)  |
| Ripple Current:        | 18.4 Amps (100Hz 85C), 19.1 Amps (10kHz 85C)  |
| Leakage Current:       | 6000 uA (5min 20°C)   |