

Aluminum Electrolytic, 85C, ALS31, 1000 uF, 20%, 500 V, -40/+85C



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
Slewing:	Yes
Packaging:	Bulk

General Information	
Dielectric:	Aluminum Electrolytic
Series:	ALS31
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
Notes:	Dimensions D And L Include Slewing. MS (MxH) = M12x16

Specifications	
Capacitance:	1000 uF
Capacitance Tolerance:	20%
Voltage DC:	500 VDC
Temperature Range:	-40/+85C
Rated Temperature:	85C
Life:	19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C)
Resistance:	175 mOhms (100Hz 20C), 96 mOhms (10kHz 20C)
Current:	8.1 Amps (100Hz 85C), 13.8 Amps (10kHz 85C)
Leakage Current:	3000 uAmps (5min 20C)