

KEMET Part Number: ALS70A513NF100
(A390TM513M100A)

ALS70, Aluminum Electrolytic, 51,000 uF, 20%, 100 VDC, -40/+85°C



General Information

Supplier:	KEMET
Series:	ALS70
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Notes:	Dimensions D And L Include Sleaving. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V11

Dimensions

D	77mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

Specifications

Capacitance:	51,000 uF
Capacitance Tolerance:	20%
Voltage DC:	100 VDC, 115 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C)
Resistance:	12 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)
Ripple Current:	25.7 Amps (100Hz 85C), 27.9 Amps (10 kHz 85C)
Leakage Current:	6000 uA

Packaging Specifications

Weight:	690 g
Sleaving:	Yes
Packaging:	Tray