

KEMET Part Number: ALS70A512MF400
(A390PM512M400A)

ALS70, Aluminum Electrolytic, 5,100 uF, 20%, 400 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 Slewing. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V10/2738

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

Specifications

Capacitance:	5,100 uF
Capacitance Tolerance:	20%
Voltage DC:	400 VDC, 440 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:	36 mOhms (100Hz 20C), 22 mOhms (10kHz 20C)
Ripple Current:	14 Amps (100Hz 85C), 22.7 Amps (10 kHz 85C)
Leakage Current:	6000 uA

Packaging Specifications

Weight:	505 g
Slewing:	Yes
Packaging:	Tray