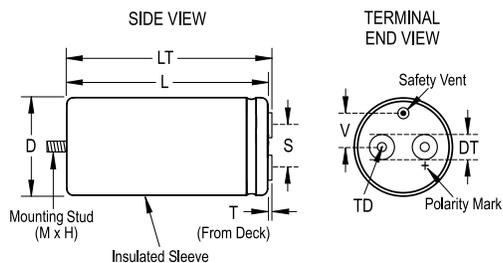


KEMET Part Number: ALS31A103DA040
(A431FB103M040A)

ALS31, Aluminum Electrolytic, 10,000 uF, 20%, 40 VDC, -40/+85°C



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 Sleevling. MS (MxH) = M8x12.

Dimensions	
D	36mm +/-1mm
L	52mm +/-2mm
T	7.14mm +/-0.5mm
S	12.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	58.5mm +/-1mm
TD	10mm MIN
V	8mm NOM

Packaging Specifications	
Weight:	75 g
Sleevling:	Yes
Packaging:	Bulk, Box

Specifications	
Capacitance:	10,000 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C)
Resistance:	23 mOhms (100Hz 20C), 20 mOhms (10kHz 20C)
Ripple Current:	7.9 Amps (100Hz 85C), 8.4 Amps (10kHz 85C)
Leakage Current:	2400 uA (5min 20°C)