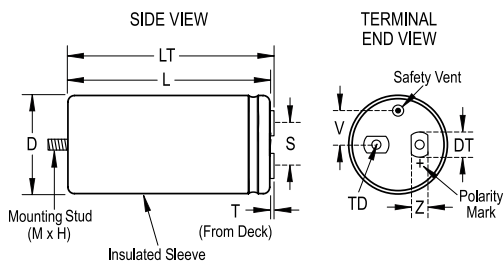


**KEMET Part Number: ALS31A473KE040**  
(A431LH473M040A)

ALS31, Aluminum Electrolytic, 47,000 uF, 20%, 40 VDC, -40/+85°C



Dimensions	
D	51mm +/-1mm
L	82mm +/-2mm
T	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	86.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

Packaging Specifications	
Weight:	220 g
Sleeving:	Yes
Packaging:	Bulk, Box

General Information	
Series:	ALS31
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Notes:	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
Shelf Life:	156 Weeks

Specifications	
Capacitance:	47,000 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C)
Resistance:	12 mOhms (100Hz 20C), 11 mOhms (10kHz 20C)
Ripple Current:	14.2 Amps (100Hz 85C), 16.7 Amps (10kHz 85C)
Leakage Current:	6000 uA (5min 20°C)