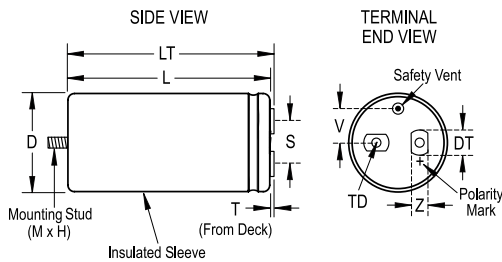


KEMET Part Number: ALS31A104QD040
(A431UF104M040A)



ALS31, Aluminum Electrolytic, 100,000 uF, 20%, 40 VDC, -40/+85°C



General Information	
Series:	ALS31
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Component Weight:	690 g
Notes:	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life:	156 Weeks

Dimensions	
D	90mm +/-1mm
L	75mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	79.5mm +/-1mm
TD	10mm MIN
V	25mm NOM
Z	10mm NOM

Specifications	
Capacitance:	100,000 uF
Capacitance Tolerance:	20%
Voltage DC:	40 VDC, 46 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:	10 mOhms (100Hz 20C), 10 mOhms (10kHz 20C)
Ripple Current:	20.3 Amps (100Hz 85C), 20.4 Amps (10kHz 85C)
Leakage Current:	6000 uA (5min 20°C)

Packaging Specifications	
Slewing:	Yes
Packaging:	Bulk, Box

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