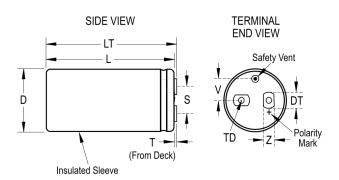


ALS80A123KE100

Aliases (A381LH123M100A)

ALS80, Aluminum Electrolytic, 12,000 uF, 20%, 100 VDC, $-40/+105^{\circ}$ C



General Information Series ALS80 Dielectric Aluminum Electrolytic Description Screw Terminal, Aluminum Electrolytic RoHS AEC-Q200 No Halogen Free Yes Component 220 g Weight Dimensions D And L Include Sleeving. MS (MxH) = Notes M12x16. Mounting Clamp (Sold Separately): V4/2737 Shelf Life 156 Weeks

Click here for the 3D model.

Dimensions	
D	51mm +/-1mm
L	82mm +/-2mm
Т	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

Specifications	
Capacitance	12,000 uF
Capacitance Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage At 105C)
Resistance	30 mOhms (100Hz 20C), 25 mOhms (10kHz 20C)
Ripple Current	12.6 Amps (100Hz 105C), 15.4 Amps (10 kHz 105C)
Leakage Current	3600 uA

Packaging Specifications		
Sleeving	Yes	
Packaging	Tray	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.