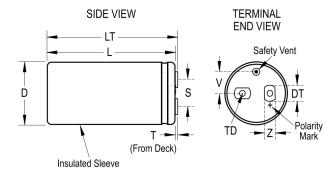


ALS80A242QC500

Aliases (A381UE242M500A)

ALS80, Aluminum Electrolytic, 2,400 uF, 20%, 500 VDC, -40/+105°C



General Information	۲ ۱
Series	ALS80
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
AEC-Q200	No
Halogen Free	Yes
Component Weight	615 g
Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N
Shelf Life	156 Weeks

Click here for the 3D model.

Dimensions	
D	90mm +/-1mm
L	67mm +/-2mm
т	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	71.5mm +/-1mm
TD	10mm MIN
V	25mm NOM
Z	10mm NOM

Specifications	
Capacitance	2,400 uF
Capacitance Tolerance	20%
Voltage DC	500 VDC, 550 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C)
Resistance	98 mOhms (100Hz 20C), 74 mOhms (10kHz 20C)
Ripple Current	9.4 Amps (100Hz 105C), 14.9 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.