

ALS80A513KE040

ALS80, Aluminum, Aluminum Electrolytic, 51,000 uF, 20%, 40 VDC, -40/+105°C, 22.2 mm



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General Information

Series	ALS80
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	220 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737
Shelf Life	156 Weeks

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

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	51,000 uF
Tolerance	20%
Voltage DC	40 VDC, 46 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)
ESR	18 mOhms (100Hz 20C), 16 mOhms (10kHz 20C)
Ripple Current	14.6 Amps (100Hz 105C), 16.2 Amps (10 kHz 105C)
Leakage Current	6000 uA

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