

ALS40A103NP250

ALS40, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 250 VDC, -40/+105°C, 31.8 mm



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General Information

Series	ALS40
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
AEC-Q200	No
Halogen Free	No
Typical Component Weight	960 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11
Shelf Life	156 Weeks

Dimensions

D	77mm +/-1mm
L	146mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	151.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

Specifications

Capacitance	10,000 uF
Tolerance	20%
Voltage DC	250 VDC, 287.5 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)
ESR	19 mOhms (100Hz 20C), 16 mOhms (10kHz 20C)
Ripple Current	17.5 Amps (100Hz 105C), 19.5 Amps (10kHz 105C)
Leakage Current	6000 uA (5min 20°C)

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