

ALS81A512LM350

ALS81, Aluminum, Aluminum Electrolytic, 5,100 uF, 20%, 350 VDC, -40/+105°C, 28.5 mm



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General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	600 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V8
Shelf Life	156 Weeks

Dimensions

D	63.5mm +/-1mm
L	131mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	135mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	5,100 uF
Tolerance	20%
Voltage DC	350 VDC, 385 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C)
ESR	36 mOhms (100Hz 20C), 22 mOhms (10kHz 20C)
Ripple Current	12.3 Amps (100Hz 105C), 20.6 Amps (10 kHz 105C)
Leakage Current	5355 uA

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