

## ALS81A752MF250

ALS81, Aluminum, Aluminum Electrolytic, 7,500 uF, 20%, 250 VDC, -40/+105°C, 28.5 mm



Click [here](#) for the 3D model.

### 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
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	505 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V10/2738
Shelf Life	156 Weeks

### Specifications

Capacitance	7,500 uF
Tolerance	20%
Voltage DC	250 VDC, 287.5 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	32 mOhms (100Hz 20C), 22 mOhms (10kHz 20C)
Ripple Current	13.2 Amps (100Hz 105C), 19.8 Amps (10 kHz 105C)
Leakage Current	5625 uA

### Dimensions

D	66mm +/-1mm
L	105mm +/-2mm
T	5.5mm +/-0.5mm
S	28.5mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	15.8mm NOM
Z	10mm NOM

### Packaging Specifications

Slewing	Yes
Packaging	Tray

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