

ALS41A682NT400

ALS41, Aluminum, Aluminum Electrolytic, 6,800 uF, 20%, 400 VDC, -40/+105°C, 31.8 mm



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General Information

Series	ALS41
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Screw Terminals M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Halogen Free	No
Typical Component Weight	1,450 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16.
Shelf Life	156 Weeks

Specifications

Capacitance	6,800 uF
Tolerance	20%
Voltage DC	400 VDC, 440 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	21 mOhms (100Hz 20C), 15 mOhms (10kHz 20C)
Ripple Current	23.5 Amps (100Hz 105C), 33.3 Amps (10kHz 105C)
Leakage Current	6000 uA (5min 20°C)

Dimensions

D	77mm +/-1mm
L	220mm +/-2mm
T	5.5mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
LT	224.5mm +/-1mm
TD	10mm MIN
V	19mm NOM
Z	10mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

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