

ALS81H162KF500

ALS81, Aluminum, Aluminum Electrolytic, 1,600 uF, 20%, 500 VDC, -40/+105°C, 22.2 mm



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General Information

Series	ALS81
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Threaded Inserts - 10-32 UNF class 2B
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	300 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	105mm +/-2mm
T	7.1mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	8mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	13.7mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Tray

Specifications

Capacitance	1,600 uF
Tolerance	20%
Voltage DC	500 VDC, 550 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	142 mOhms (100Hz 20C), 106 mOhms (10kHz 20C)
Ripple Current	6.8 Amps (100Hz 105C), 12.8 Amps (10 kHz 105C)
Leakage Current	2400 uA

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