

ALS70H303QC100

ALS70, Aluminum, Aluminum Electrolytic, 30,000 uF, 20%, 100 VDC, -40/+85°C, 31.8 mm



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General Information

Series	ALS70
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Threaded Inserts - 10-32 UNF class 2B
Mounting	Through-Hole
AEC-Q200	No
Halogen Free	Yes
Typical Component Weight	615 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N
Shelf Life	156 Weeks

Specifications

Capacitance	30,000 uF
Tolerance	20%
Voltage DC	100 VDC, 115 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage at 85C)
ESR	19 mOhms (100Hz 20C), 17 mOhms (10kHz 20C)
Ripple Current	20.7 Amps (100Hz 85C), 22.8 Amps (10kHz 85C)
Leakage Current	6000 uA

Dimensions

D	90mm +/-1mm
L	67mm +/-2mm
T	7.1mm +/-0.5mm
S	31.8mm +/-0.5mm
DT	8mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	25mm NOM

Packaging Specifications

Slewing	Yes
Packaging	Tray

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