

ALS42, Aluminum Electrolytic, 4,700 uF, 20%, 450 VDC, -40/+105°C



Dimensions	
D	76.2mm +/-0.8mm
L	149.2mm +/-1.6mm
T	5.5mm +/-0.8mm
S	31.8mm +/-0.5mm
DT	13mm +/-0.5mm
TD	10mm MIN
V	19mm NOM

Packaging Specifications	
Weight:	990 g
Packaging:	Bulk, Box

General Information	
Series:	ALS42
Dielectric:	Aluminum Electrolytic
Description:	Screw Terminal, Aluminum Electrolytic
RoHS:	Yes
AEC-Q200:	No
Notes:	Add 0.4mm To D (1.1mm When D = 88.9) And 1.1mm To L For Sleeving. Dimension LT Available On Request. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V11
Shelf Life:	156 Weeks

Specifications	
Capacitance:	4,700 uF
Capacitance Tolerance:	20%
Voltage DC:	450 VDC, 500 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)
Resistance:	25 mOhms (120Hz 25C), 17 mOhms (20kHz 25C)
Ripple Current:	15.8 Amps (120Hz 105C), 22.2 Amps (20kHz 105C)
Leakage Current:	6000 uA (5min 20°C)

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