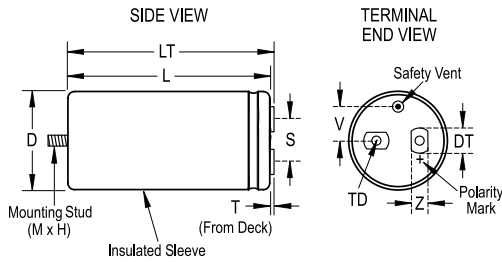


ALS37, Aluminum Electrolytic, 100,000 uF, -10/+30%, 40 VDC, -40/+85°C



General Information	
<b>Series:</b>	ALS37
<b>Dielectric:</b>	Aluminum Electrolytic
<b>Description:</b>	Screw Terminal, Aluminum Electrolytic
<b>RoHS:</b>	Yes
<b>Mounting:</b>	Stud
<b>AEC-Q200:</b>	No
<b>Notes:</b>	Add 0.015 in/ 0.4 mm to D and 0.045 in/ 1.1 mm to L for Sleeving. MS (MxH) = M12x16

Dimensions	
<b>D</b>	50.8mm +/-0.787mm
<b>L</b>	142.875mm +/-1.575mm
<b>T</b>	5.512mm +/-0.787mm
<b>S</b>	22.225mm +/-0.483mm
<b>DT</b>	8.001mm +/-0.483mm
<b>LT</b>	151.384mm +/-0.991mm
<b>TD</b>	10.008mm MIN
<b>V</b>	13.691mm NOM
<b>Z</b>	10.008mm NOM

Specifications	
<b>Capacitance:</b>	100,000 uF
<b>Capacitance Tolerance:</b>	-10/+30%
<b>Voltage DC:</b>	40 VDC, 50 VDC (Surge)
<b>Temperature Range:</b>	-40/+85°C
<b>Rated Temperature:</b>	85°C
<b>Life:</b>	18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C)
<b>Resistance:</b>	9 mOhms (120Hz 25C), 8 mOhms (20kHz 25C)
<b>Ripple Current:</b>	21.7 Amps (120Hz 85C), 23.1 Amps (20kHz 85C)
<b>Leakage Current:</b>	6000 uA (5min 20°C)

Packaging Specifications	
<b>Weight:</b>	425 g
<b>Packaging:</b>	Bulk, Box

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