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General Information

Series	ALS37
Dielectric	Aluminum Electrolytic
Style	Screw Terminal
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Oval Threaded Inserts M5
Mounting	Through-Hole
Optional Mounting	Stud
AEC-Q200	No
Typical Component Weight	1281 g
Notes	Add 0.015 in/ 0.4 mm to D and 0.045 in/ 1.1 mm to L for Sleeving. MS (MxH) = M12x16.

Dimensions

D	76.2mm +/-0.787mm
L	168.275mm +/-1.575mm
T	5.512mm +/-0.787mm
S	31.75mm +/-0.483mm
DT	8.001mm +/-0.483mm
LT	174.498mm +/-0.991mm
TD	10.008mm MIN
V	18.999mm NOM
Z	10.008mm NOM

Packaging Specifications

Packaging	Bulk, Box
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Specifications

Capacitance	6800 uF
Capacitance Tolerance	-10/+30%
Voltage DC	450 VDC
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	23 mOhms (120Hz 25C), 17 mOhms (20kHz 25C)
Ripple Current	22.5 Amps (120Hz 85C), 29.1 Amps (20kHz 85C)
Leakage Current	6000 uA (5min 20°C)

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