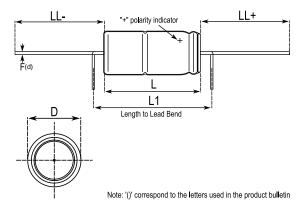
## KEMET Part Number: PEG225MG3680QE1



## Aluminum Electrolytic, 150C, PEG225, 680 uF, -10/+30%, 63 V, -40/+150C



Dimensions		
D	16mm +/-0.5mm	
L	34.5mm +/-1mm	
L1	41mm MIN	
LL Negative	40mm +/-2mm	
LL Positive	40mm +/-2mm	
F	1mm +/-0.03mm	

Packaging Specifications		
Weight:	11 g	
Packaging:	Bulk	
Packaging Quantity:	100	

General Information		
Dielectric:	Aluminum Electrolytic	
Style:	Axial	
Series:	PEG225	
Description:	Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic	
RoHS:	Yes	
Lead:	Wire Leads	
Miscellaneous:	Rated Voltage Measured At 125C	
Notes:	L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article.	

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	63 VDC (125C)
Temperature Range:	-40/+150C
Rated Temperature:	150C
Life:	1500 Hrs
Resistance:	109 mOhms (100Hz 20C), 37 mOhms (100kHz 20C), 18.7 mOhms (5-100kHz 150C)
Current:	13.8 Amps (5kHz 125C, With Heat Sink), 8.7 Amps (5kHz 140C, With Heat Sink), 3.9 Amps (5kHz 150C, Reduced Voltage And Heat Sink), 5.3 Amps (5kHz 125C), 6.7 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current:	129 uA (5min 20C)

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