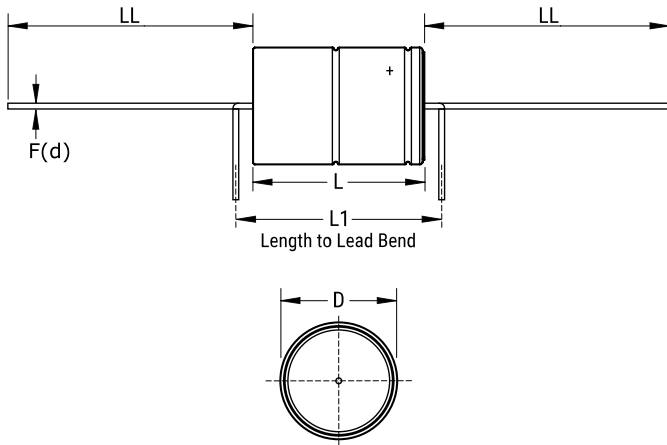


PEG225MG3680QE1

Aliases (PEG225MG3680Q)

Obsolete

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



Note: '()' correspond to the letters used in the product bulletin

Click [here](#) for the 3D model.

General Information

Series	PEG225
Dielectric	Aluminum Electrolytic
Style	Axial
Description	Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	11 g
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. Dimensions D And L Include Slewing.
Shelf Life	520 Weeks

Dimensions

D	16.2mm +/-0.5mm
L	34.7mm +/-1mm
L1	41mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

Specifications

Capacitance	680 uF
Tolerance	-10/+30%
Voltage DC	63 VDC (125C), 54 VDC (150C)
Temperature Range	-40/+150°C
Rated Temperature	125°C
Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
ESR	109 mOhms (100Hz 20C), 37 mOhms (100kHz 20C), 18.7 mOhms (5-100kHz 150C)
Ripple Current	13.8 Amps (5kHz 125C, With Heat Sink), 8.7 Amps (5kHz 140C, With Heat Sink), 3.9 Amps (5kHz 150C, Heat Sink), 5.3 Amps (5kHz 125C), 6.7 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current	132.5 uA (5min 20°C)

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