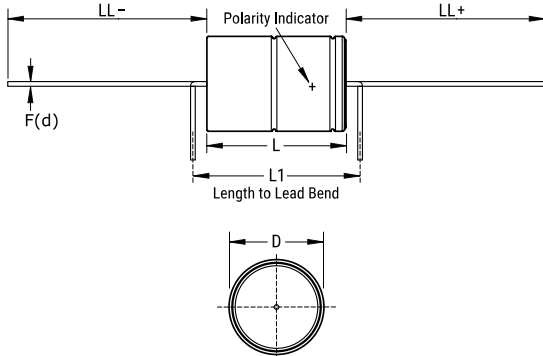


KEMET Part Number: PEG225MF3470QE1
(PEG225MF3470Q)

PEG225, Aluminum Electrolytic, 150C, 470 uF, -10/+30%, 63 VDC, -40/+150C



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

Dimensions

D	16mm +/-0.5mm
L	26.7mm +/-1mm
L1	33mm MIN
LL Negative	40mm +/-2mm
LL Positive	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Weight:	8 g
Packaging:	Bulk, Bag
Packaging Quantity:	125

General Information

Supplier:	KEMET
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
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.
Shelf Life:	156 Weeks

Specifications

Capacitance:	470 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	63 VDC (125C)
Temperature Range:	-40/+150C
Rated Temperature:	150C
Life:	1500 Hrs
Resistance:	156 mOhms (100Hz 20C), 52 mOhms (100kHz 20C), 24.3 mOhms (5-100kHz 150C)
Ripple Current:	12.1 Amps (5kHz 125C, With Heat Sink), 7.7 Amps (5kHz 140C, With Heat Sink), 3.4 Amps (5kHz 150C, Reduced Voltage And Heat Sink), 4.2 Amps (5kHz 125C), 5.3 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current:	89 uA (5min 20C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.