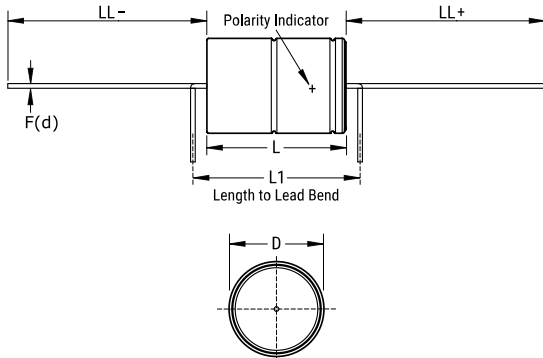


**KEMET Part Number: PEG225KJ4300QE1**  
(PEG225KJ4300Q)

PEG225, Aluminum Electrolytic, 3,000 uF, -10/+30%, 40 VDC, -40/+150°C



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

Dimensions	
D	20mm +/-0.5mm
L	34.7mm +/-1mm
L1	41mm MIN
LL Negative	40mm +/-2mm
LL Positive	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications	
Weight:	20 g
Packaging:	Bulk, Box
Packaging Quantity:	100

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:	3,000 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	40 VDC (125C)
Temperature Range:	-40/+150°C
Rated Temperature:	150°C
Life:	2000 Hrs
Resistance:	35 mOhms (100Hz 20C), 17 mOhms (100kHz 20C), 7.8 mOhms (5-100kHz 150C)
Ripple Current:	25.8 Amps (5kHz 125C, With Heat Sink), 16.3 Amps (5kHz 140C, With Heat Sink), 7.3 Amps (5kHz 150C, Reduced Voltage And Heat Sink), 8.9 Amps (5kHz 125C), 11.3 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current:	360 uA (5min 20°C)

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