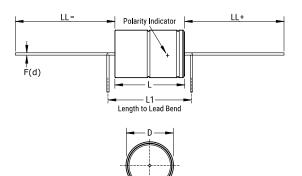
KEMET Part Number: PEG226KL4270QE1

(PEG226KL4270Q)



PEG226, Aluminum Electrolytic, 150C, 2,700 uF, -10/+30%, 40 VDC, -40/+150C



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

Dimensions		
D	20mm +/-0.5mm	
L	42.7mm +/-1mm	
L1	49mm MIN	
LL Negative	40mm +/-2mm	
LL Positive	40mm +/-2mm	
F	1mm +/-0.03mm	

Packaging Specifications		
Weight:	24 g	
Packaging:	Bulk, Bag	
Packaging Quantity:	100	

General Information		
Supplier:	KEMET	
Series:	PEG226	
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	
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:	2,700 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	40 VDC
Temperature Range:	-40/+150C
Rated Temperature:	150C
Life:	2000 Hrs
Resistance:	32 mOhms (100Hz 20C), 13 mOhms (100kHz 20C), 6.7 mOhms (5-100kHz 150C)
Ripple Current:	27.9 Amps (5kHz 125C, With Heat Sink), 17.6 Amps (5kHz 140C, With Heat Sink), 7.9 Amps (5kHz 150C, With Heat Sink), 10.1 Amps (5kHz 125C), 12.8 Amps (>=5kHz 125C Max)
Leakage Current:	324 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.

