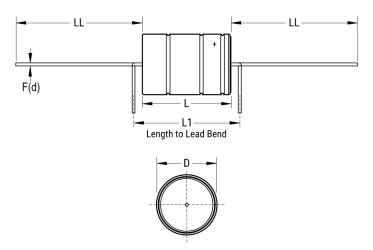


PEG126KL427EQE1 Not for New Design

PEG126, Aluminum Electrolytic, 2,700 uF, -10/+30%, 40 VDC, -40/+150°C



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

Click here for the 3D model.

Dimensions	
D	20mm +/-0.5mm
L	46mm +/-1mm
L1	52mm MIN
LL	42mm +3/-2mm
F	1mm +/-0.03mm

Packadind S	pecifications
r ackaging c	peenications

Sleeving	Yes
Packaging	Bulk, Bag
Packaging Quantity	100

General Informatior	ı
Series	PEG126
Dielectric	Aluminum Electrolytic
Style	Axial
Description	Vibration Resistant High Ripple Axial Aluminum Electrolytic
Features	Vibration Resistant, High Ripple
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	24 g
Miscellaneous	Note: The Voltage, Life , And Rated Ripple Current Displayed For This Series Is Measured At 125C Instead Of 150C.
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 Sleeving.
Shelf Life	156 Weeks

Specifications	
Capacitance	2,700 uF
Capacitance Tolerance	-10/+30%
Voltage DC	40 VDC
Temperature Range	-40/+150°C
Rated Temperature	150°C
Life	8400 Hrs (125C), 2000 Hrs (150C)
Resistance	37 mOhms (100Hz 20C), 17 mOhms (100kHz 20C)
Ripple Current	3.1 Amps (100Hz 125C), 12.1 Amps (5kHz 105C), 7.1 Amps (5kHz 125C), 2.7 Amps (5kHz 150C)
Leakage Current	324 uA (5min 20°C)
Inductance	17 nH (ESL)

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.