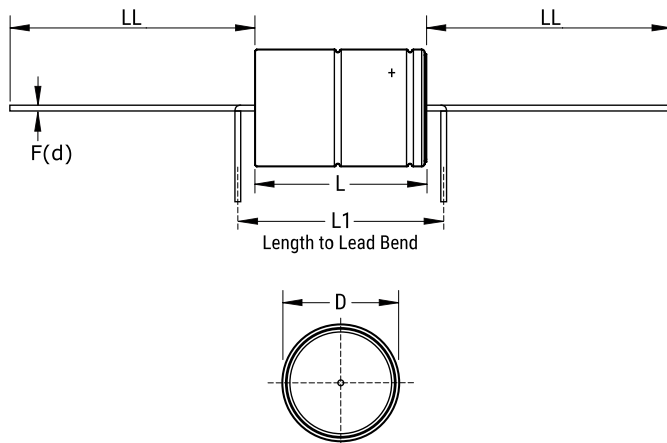


PEG220KL4270QE1

Aliases (PEG220KL4270Q)

Obsolete

PEG220, Aluminum, 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.

General Information

Series	PEG220
Dielectric	Aluminum Electrolytic
Style	Axial
Description	Vibration Resistant Very High Ripple Axial Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	24 g
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

Specifications

Capacitance	2,700 uF
Tolerance	-10/+30%
Voltage DC	40 VDC
Temperature Range	-40/+150°C
Rated Temperature	150°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
ESR	39 mOhms (100Hz 20C), 20 mOhms (100kHz 20C), 12.1 mOhms (5-100kHz 150C)
Ripple Current	20.7 Amps (5kHz 125C, With Heat Sink), 13.1 Amps (5kHz 140C, With Heat Sink), 5.9 Amps (5kHz 150C, With Heat Sink), 7.3 Amps (5kHz 125C), 9.2 Amps (>= 5 kHz 125C Max)
Leakage Current	328 uA (5min 20°C)

Dimensions

D	20.2mm +/-0.5mm
L	42.7mm +/-1mm
L1	49mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Slewing	Yes
Packaging	Bulk, Box

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.