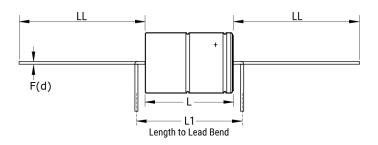


PEG236KH3470QE1

Obsolete

PEG236, Aluminum Electrolytic, 470 uF, -10/+30%, 40 VDC, -40/+165°C





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

Click here for the 3D model.

Dimensions	,
D	20mm +/-0.5mm
L	26.7mm +/-1mm
L1	33mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications		
Packaging	Bulk, Box	

General Informati	on	
Series	PEG236	
Dielectric	Aluminum Electrolytic	
Style	Axial	
Description	Extremely High Ripple Axial Aluminum Electrolytic	
RoHS	Yes	
Lead	Wire Leads	
Qualifications	AEC-Q200	
AEC-Q200	Yes	
Halogen Free	Yes	
Component Weight	13 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.	
Shelf Life	520 Weeks	

Specifications	
Capacitance	470 uF
Capacitance Tolerance	-10/+30%
Voltage DC	40 VDC
Temperature Range	-40/+165°C
Rated Temperature	165°C
Life	9200 Hrs (Rated Voltage At 125C), 1000 Hrs (Rated Voltage At 165C)
Resistance	116 mOhms (100Hz 20C), 23 mOhms (100kHz 20C), 12.7 mOhms (5-100kHz 165C)
Ripple Current	20.3 Amps (5kHz 140C, With Heat Sink), 12.8 Amps (5kHz 155C, With Heat Sink), 5.7 Amps (5kHz 165C, With Heat Sink), 6.7 Amps (5kHz 140C), 1.9 Amps (>=5kHz 165C Max)
Leakage Current	60.4 uA (5min 20°C)

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