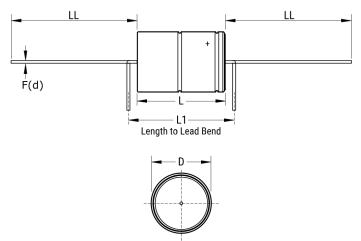


## **PEG220MH3470QE1**

Aliases (PEG220MH3470Q) Obsolete PEG220, Aluminum Electrolytic, 470 uF, -10/+30%, 63 VDC, -40/+150°C



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

Click here for the 3D model.

Dimensions	
D	20.2mm +/-0.5mm
L	26.7mm +/-1mm
L1	33mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications		
Sleeving	Yes	
Packaging	Bulk, Box	

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	
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. Dimensions D And L Include Sleeving.	
Shelf Life	520 Weeks	

Specifications	
Capacitance	470 uF
Capacitance Tolerance	-10/+30%
Voltage DC	63 VDC
Temperature Range	-40/+150°C
Rated Temperature	150°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
Resistance	134 mOhms (100Hz 20C), 41 mOhms (100kHz 20C), 25.9 mOhms (5-100kHz 150C)
Ripple Current	14.2 Amps (5kHz 125C, With Heat Sink), 9 Amps (5kHz 140C, With Heat Sink), 4 Amps (5kHz 150C, With Heat Sink), 4.5 Amps (5kHz 125C), 5.7 Amps (>=5 kHz 125C Max)
Leakage Current	93 uA (5min 20°C)

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