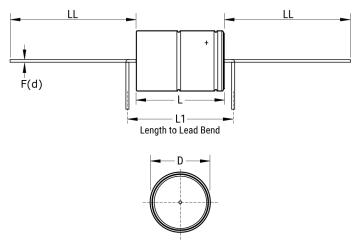


## PEG220KG4120QE1

## Aliases (PEG220KG4120Q)

Obsolete PEG220, Aluminum Electrolytic, 1,200 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	16.2mm +/-0.5mm
L	34.7mm +/-1mm
L1	41mm 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	11 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	1,200 uF
Capacitance Tolerance	-10/+30%
Voltage DC	40 VDC
Temperature Range	-40/+150°C
Rated Temperature	150°C
Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
Resistance	74 mOhms (100Hz 20C), 31 mOhms (100kHz 20C), 14.8 mOhms (5-100kHz 150C)
Ripple Current	15.5 Amps (5kHz 125C, With Heat Sink), 9.8 Amps (5kHz 140C, With Heat Sink), 4.4 Amps (5kHz 150C, With Heat Sink), 5.7 Amps (5kHz 125C), 7.2 Amps (>=5 kHz 125C Max)
Leakage Current	148 uA (5min 20°C)

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