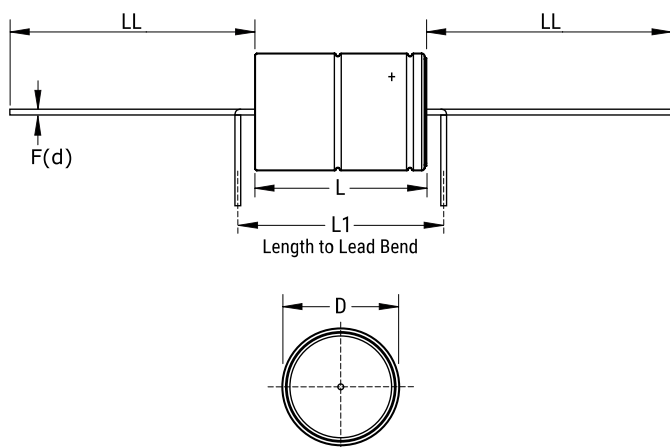


PEG220KF3800QE1

Aliases (PEG220KF3800Q)

Obsolete

PEG220, Aluminum, Aluminum Electrolytic, 800 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	8 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 Sleving.

Shelf Life	520 Weeks
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Specifications

Capacitance	800 uF
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)
ESR	108 mOhms (100Hz 20C), 43 mOhms (100kHz 20C), 19.2 mOhms (5-100kHz 150C)
Ripple Current	13.6 Amps (5kHz 125C, With Heat Sink), 8.6 Amps (5kHz 140C, With Heat Sink), 3.9 Amps (5kHz 150C, With Heat Sink), 4.7 Amps (5kHz 125C), 5.9 Amps (>=5 kHz 125C Max)
Leakage Current	100 uA (5min 20°C)

Dimensions

D	16.2mm +/-0.5mm
L	26.7mm +/-1mm
L1	33mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Sleving	Yes
Packaging	Bulk, Box

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