KEMET Part Number: PEG226KF3800QE1
(PEG226KF3800Q)

Electronic Components
KEMET
CHARGED®

PEG226, Aluminum Electrolytic, 150C, 800 uF, -10/+30%, 40 VDC, -40/+150C
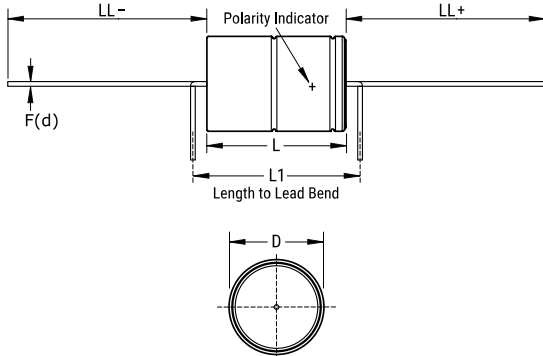
Note: '()' correspond to the letters used in the product bulletin

General Information

Supplier:	KEMET
Series:	PEG226
Dielectric:	Aluminum Electrolytic
Style:	Axial
Description:	Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes
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:	156 Weeks

Dimensions

D	16mm +/-0.5mm
L	26.7mm +/-1mm
L1	33mm MIN
LL Negative	40mm +/-2mm
LL Positive	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications

Weight:	8 g
Packaging:	Bulk, Bag
Packaging Quantity:	125

Specifications

Capacitance:	800 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	40 VDC
Temperature Range:	-40/+150C
Rated Temperature:	150C
Life:	1500 Hrs
Resistance:	100 mOhms (100Hz 20C), 36 mOhms (100kHz 20C), 13.6 mOhms (5-100kHz 150C)
Ripple Current:	16.2 Amps (5kHz 125C, With Heat Sink), 10.2 Amps (5kHz 140C, With Heat Sink), 4.6 Amps (5kHz 150C, With Heat Sink), 5.6 Amps (5kHz 125C), 7.2 Amps (>=5kHz 125C Max)
Leakage Current:	96 uA (5min 20C)

IntelliData