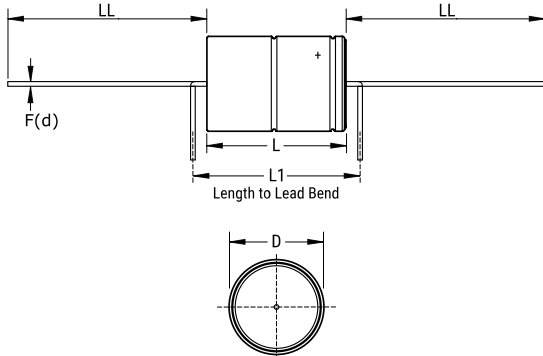


**KEMET Part Number: PEG220HF4150ME1**  
(PEG220HF4150M)

PEG220, Aluminum Electrolytic, 1,500 uF, 20%, 25 VDC, -40/+150°C



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

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

Packaging Specifications	
Weight:	8 g
Sleeving:	Yes
Packaging:	Bulk, Bag
Packaging Quantity:	125

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
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:	156 Weeks

Specifications	
Capacitance:	1,500 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC
Temperature Range:	-40/+150°C
Rated Temperature:	150°C
Life:	1500 Hrs
Resistance:	78 mOhms (100Hz 20C), 42 mOhms (100kHz 20C), 18.4 mOhms (5-100kHz 150C)
Ripple Current:	13.9 Amps (5kHz 125C, With Heat Sink), 8.8 Amps (5kHz 140C, With Heat Sink), 3.9 Amps (5kHz 150C, With Heat Sink), 4.8 Amps (5kHz 125C), 6.1 Amps (>=5 kHz 125C Max)
Leakage Current:	116 uA (5min 20°C)