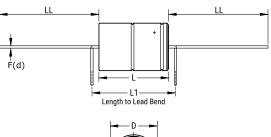
## KEMET Part Number: PEG226NV3640QE1



## PEG226, Aluminum Electrolytic, 640 uF, -10/+30%, 80 VDC, -40/+150°C





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

Dimensions		
D	18.2mm +/-0.5mm	
L	38.7mm +/-1mm	
L1	45mm MIN	
LL	40mm +/-2mm	
F	1mm +/-0.03mm	

Packaging Specifications		
Sleeving:	Yes	
Packaging:	Bulk, Box	

General Information		
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	
Halogen Free:	Yes	
Component Weight:	16 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:	640 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	80 VDC
Temperature Range:	-40/+150°C
Rated Temperature:	150°C
Life:	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
Resistance:	113 mOhms (100Hz 20C), 44.6 mOhms (100kHz 20C), 17.4 mOhms (5-100kHz 150C)
Ripple Current:	15 Amps (5kHz 125C, With Heat Sink), 9.5 Amps (5kHz 140C, With Heat Sink), 4.2 Amps (5kHz 150C, With Heat Sink), 5.9 Amps (5kHz 125C), 7.5 Amps (>=5kHz 125C Max)
Leakage Current:	157.6 uA (5min 20°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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