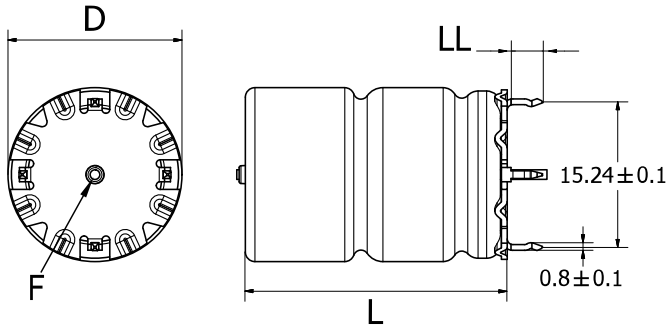


PEH228NLP3820QE4

PEH228, Aluminum, Aluminum Electrolytic, 820 uF, -10/+30%, 80 VDC, -40/+150°C



Click [here](#) for the 3D model.

General Information

Series	PEH228
Dielectric	Aluminum Electrolytic
Style	Radial Crown
Description	Radial Crown Ultra High CV Aluminum Electrolytic
RoHS	Yes
Lead	Radial Crown
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	14 g
Shelf Life	156 Weeks

Specifications

Capacitance	820 uF
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)
ESR	85.6 mOhms (100Hz 20C), 32.1 mOhms (100kHz 20C), 14.6 mOhms (5-100kHz 150C)
Ripple Current	16.4 Amps (5kHz 125C, With Heat Sink), 10.3 Amps (5kHz 140C, With Heat Sink), 4.6 Amps (5kHz 150C, With Heat Sink), 6.5 Amps (5kHz 125C), 8.05 Amps (5kHz 125C Max)
Leakage Current	200.8 uA (5min 20°C)

Dimensions

D	18.2mm +/-0.5mm
L	35.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.03mm

Packaging Specifications

Packaging	Tray
-----------	------

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.