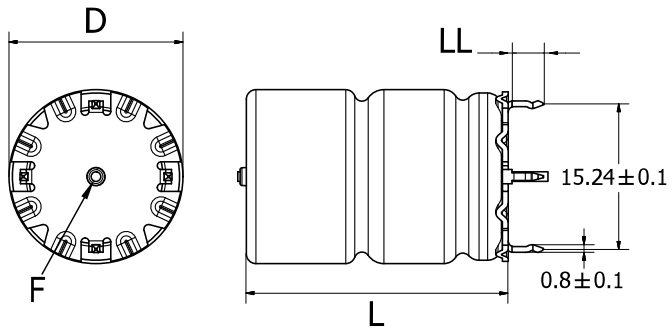
PEH227NKL3520QE4

PEH227, Aluminum Electrolytic, 520 uF, -10/+30%, 80 VDC, -40/+150°C



General Information	
Series	PEH227
Dielectric	Aluminum Electrolytic
Style	Radial Crown
Description	Radial Crown Ultra High CV Aluminum Electrolytic
RoHS	Yes
Lead	Radial Crown
Qualifications	AEC-Q200
Halogen Free	Yes
Typical Component Weight	8 g
Shelf Life	520 Weeks

Click here for the 3D model.

Dimensions	
D	16.2mm +/-0.5mm
L	27.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.03mm

Packaging Specifications	
Packaging	Tray

Specifications	
Capacitance	520 uF
Tolerance	-10/+30%
Voltage DC	80 VDC, 63 VDC (150C)
Temperature Range	-40/+150°C
Rated Temperature	125°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
ESR	149.9 mOhms (100Hz 20C), 61.7 mOhms (100kHz 20C), 24 mOhms (5-100kHz 150C)
Ripple Current	12.2 Amps (5kHz 125C, With Heat Sink), 7.7 Amps (5kHz 140C, With Heat Sink), 3.5 Amps (5kHz 150C, With Heat Sink), 4.48 Amps (5kHz 125C), 5.56 Amps (5kHz 125C Max)
Leakage Current	128.8 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.

© 2006 - 2026 YAGEO