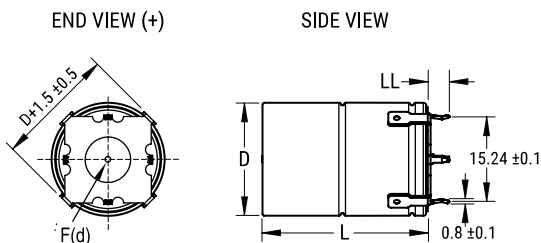


KEMET Part Number: PEH225ML4180QE1 Not for New Design
(PEH225ML4180Q)



PEH225, Aluminum Electrolytic, 1,800 uF, -10/+30%, 63 VDC, -40/+150°C



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

Dimensions	
D	20mm +/-0.5mm
L	43.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.3mm

Packaging Specifications	
Weight:	24 g
Packaging:	Bulk, Bag

General Information	
Series:	PEH225
Dielectric:	Aluminum Electrolytic
Style:	Radial Crown
Description:	Radial Crown Aluminum Electrolytic
RoHS:	Yes
Lead:	Radial Crown
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Miscellaneous:	Rated Voltage Measured At 125C
Notes:	Obsolete due to a packaging change. The bulk packaging option is no longer available. See PEH225ML4180QE4 for the same capacitor packaged in a tray.
Shelf Life:	156 Weeks

Specifications	
Capacitance:	1,800 uF
Capacitance Tolerance:	-10/+30%
Voltage DC:	63 VDC (125C)
Temperature Range:	-40/+150°C
Rated Temperature:	150°C
Life:	2000 Hrs
Resistance:	45 mOhms (100Hz 20C), 18 mOhms (100kHz 20C), 10 mOhms (5-100kHz 150C)
Ripple Current:	22.8 Amps (5kHz 125C, With Heat Sink), 14.4 Amps (5kHz 140C, With Heat Sink), 6.5 Amps (5kHz 150C, Reduced Voltage And Heat Sink), 8.3 Amps (5kHz 125C), 10.5 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current:	340 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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