

PEH225HG4300ME1

Aliases (PEH225HG4300M)

Not for New Design

PEH225, Aluminum Electrolytic, 3,000 uF, 20%, 25 VDC, -40/+150°C

END VIEW (+) SIDE VIEW LL 15.24 ±0.1

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

Click here for the 3D model.

Dimensions	
D	16mm +/-0.5mm
L	35.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.03mm

Packaging Specifications		
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	
Halogen Free	Yes	
Component Weight	11 g	
Miscellaneous	Rated Voltage Measured At 125C.	
Notes	Obsolete due to a packaging change. The bulk packaging option is no longer available. See PEH225HG4300ME4 for the same capacitor packaged in a tray.	
Shelf Life	520 Weeks	

Specifications	
Capacitance	3,000 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC (125C), 18 VDC (150C)
Temperature Range	-40/+150°C
Rated Temperature	125°C
Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
Resistance	44 mOhms (100Hz 20C), 25 mOhms (100kHz 20C), 9.2 mOhms (5-100kHz 150C)
Ripple Current	19.7 Amps (5kHz 125C, With Heat Sink), 12.5 Amps (5kHz 140C, With Heat Sink), 5.6 Amps (5kHz 150C, Reduced Voltage And Heat Sink), 7.4 Amps (5kHz 125C), 9.4 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current	225 uA (5min 20°C)

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