

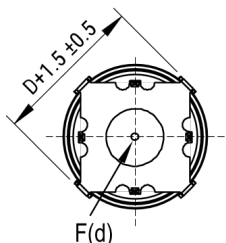
## PEH225MF3470QE1

Aliases (PEH225MF3470Q)

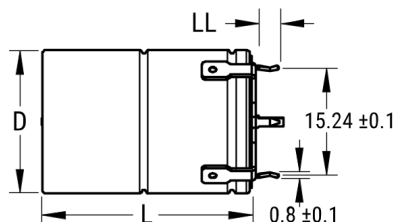
Not for New Design

PEH225, Aluminum Electrolytic, 470 uF, -10/+30%, 63 VDC, -40/+150°C

END VIEW (+)



SIDE VIEW



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

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

### Dimensions

D	16mm +/-0.5mm
L	27.7mm +/-1mm
LL	3.3mm +/-0.5mm
F	1mm +/-0.03mm

### Packaging Specifications

Packaging	Bulk, Bag
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### 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
Typical Component Weight	8 g
Miscellaneous	Rated Voltage Measured At 125C.
Notes	Obsolete due to a packaging change. The bulk packaging option is no longer available. See PEH225MF3470QE4 for the same capacitor packaged in a tray.
Shelf Life	520 Weeks

### Specifications

Capacitance	470 uF
Capacitance Tolerance	-10/+30%
Voltage DC	63 VDC (125C), 54 VDC (150C)
Temperature Range	-40/+150°C
Rated Temperature	125°C
Life	6300 Hrs (Rated Voltage At 125C), 1500 Hrs (Rated Voltage At 150C)
ESR	156 mOhms (100Hz 20C), 52 mOhms (100kHz 20C), 24.3 mOhms (5-100kHz 150C)
Ripple Current	12.1 Amps (5kHz 125C, With Heat Sink), 7.7 Amps (5kHz 140C, With Heat Sink), 3.4 Amps (5kHz 150C, Reduced Voltage And Heat Sink), 4.2 Amps (5kHz 125C), 5.3 Amps (>=5kHz 125C Reduced Voltage)
Leakage Current	89 uA (5min 20°C)

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