



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

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

#### General Information

Series	PHA223
Dielectric	Hybrid Polymer
Style	Axial
Description	Hybrid Axial Capacitors
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Typical Component Weight	24 g
Shelf Life	520 Weeks

#### Specifications

Capacitance	1,900 uF
Tolerance	20%
Voltage DC	63 VDC
Temperature Range	-40/+125°C
Rated Temperature	125°C
ESR	45 mOhms (100Hz 20C), 3.6 mOhms (100kHz -40C to 125C)
Ripple Current	49.3 Amps (100kHz 90C), 45.6 Amps (100kHz 105C), 30.5 Amps (100kHz 125C)
Leakage Current	598.5 uA

#### Dimensions

D	20.2mm +/-0.5mm
L	42.7mm +/-1mm
L1	49mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

#### Packaging Specifications

Packaging	Tray
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