


**General Information**

Series	A7CO
Dielectric	Hybrid Polymer
Description	125C, Hybrid Polymer Radial, High CV, AEC-Q200
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes

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

**Dimensions**

D	6.3mm +/-0.5mm
L	9mm +/-1mm
S	2.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	19mm MIN
F	0.5mm +/-0.05mm

**Specifications**

Capacitance	82 uF
Tolerance	20%
Voltage DC	35 VDC, 40.25 VDC (Surge)
Temperature Range	-55/+125°C
Rated Temperature	125°C
Life	4000 Hrs
Dissipation Factor	12% 120Hz 20C
ESR	45 mOhms (100kHz 20C)
Ripple Current	1150 mAmps (100kHz 125C)
Leakage Current	28.7 uA (2min 20°C)

**Packaging Specifications**

Packaging	Bulk, Bag
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