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General Information

Series	A7C5
Dielectric	Hybrid Polymer
Description	150C, Hybrid Polymer Radial, AEC-Q200
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
Halogen Free	Yes

Dimensions

D	10mm +/-0.5mm
L	9.5mm +/-1mm
S	5mm +/-0.5mm
LL Negative	18.5mm MIN
LL Positive	22.5mm MIN
F	0.6mm +/-0.05mm

Specifications

Capacitance	82 uF
Tolerance	20%
Voltage DC	63 VDC, 72.45 VDC (Surge)
Temperature Range	-55/+150°C
Rated Temperature	150°C
Life	1000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit)
Dissipation Factor	8% 120Hz 20C
ESR	30 mOhms (100kHz 20C)
Ripple Current	3100 mAmps (100kHz 125C), 2200 mAmps (100kHz 135C), 1400 mAmps (100kHz 150C)
Leakage Current	51.7 uA (2min 20°C)

Packaging Specifications

Packaging	Ammo
Packaging Quantity	3600

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