

A7C5KN686M1HBAS040

A7C5, Aluminum, Hybrid Polymer, 68 uF, 20%, 50 VDC, -55/+150°C, 3.5 mm



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General Information

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

Dimensions

D	8mm +/-0.5mm
L	9mm +/-1mm
S	3.5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	20000

Specifications

Capacitance	68 uF
Tolerance	20%
Voltage DC	50 VDC, 57.5 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	10% 120Hz 20C
ESR	40 mOhms (100kHz 20C)
Ripple Current	2500 mAmps (100kHz 125C), 1800 mAmps (100kHz 135C), 1200 mAmps (100kHz 150C)
Leakage Current	34 uA (2min 20°C)

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