

A7C5MS567M1EBAS017

A7C5, Aluminum, Hybrid Polymer, 560 uF, 20%, 25 VDC, -55/+150°C, 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	10mm +/-0.5mm
L	11.5mm +/-1mm
S	5mm +/-0.5mm
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	10000

Specifications

Capacitance	560 uF
Tolerance	20%
Voltage DC	25 VDC, 28.75 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	14% 120Hz 20C
ESR	17 mOhms (100kHz 20C)
Ripple Current	4000 mAmps (100kHz 125C), 2200 mAmps (100kHz 135C), 1700 mAmps (100kHz 150C)
Leakage Current	140 uA (2min 20°C)

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