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General Information

Series	A785
Dielectric	Hybrid Polymer
Style	SMD Can
Description	Surface Mount, Polymer Aluminum
RoHS	Yes
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Shelf Life	52 Weeks
MSL	1

Dimensions

D	8mm +/-0.5mm
L	12.2mm +/-0.3mm
W	8.3mm +/-0.2mm
H	8.3mm +/-0.2mm
C	9mm +/-0.2mm
P	3.1mm NOM
R	0.8 - 1.1mm

Packaging Specifications

Packaging	T&R, 380mm
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Specifications

Capacitance	82 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC, 57.5 VDC (Surge)
Temperature Range	-55/+150°C
Rated Temperature	150°C
Life	1000 Hrs
Dissipation Factor	10% 120Hz 20C
ESR	36 mOhms (100kHz 20C)
Ripple Current	2800 mAmps (100kHz 125C), 2100 mAmps (100kHz 135C), 1300 mAmps (100kHz 150C)
Leakage Current	41 uA (2min 20°C)
High Temperature Solder	Yes

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