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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
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)
High Temperature Solder	Yes
Leakage Current	41 uA (2min 20°C)

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