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General Information

Series	A780
Dielectric	Hybrid Polymer
Style	SMD Can
Description	Surface Mount, Polymer Aluminum
RoHS	Yes
Lead	V-Chip
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Shelf Life	52 Weeks
MSL	1

Specifications

Capacitance	56 uF
Tolerance	20%
Voltage DC	63 VDC, 72.4 VDC (Surge)
Temperature Range	-55/+125°C
Rated Temperature	125°C
Life	4000 Hrs
Dissipation Factor	8% 120Hz 20C
ESR	40 mOhms (100kHz 20C)
Ripple Current	1400 mAmps (100kHz 125C), 5250 mAmps (100kHz 105C MAX, With Heat Sink), 3000 mAmps (100kHz 125C MAX, With Heat Sink)
High Temperature Solder	Yes
Leakage Current	35.3 uA (2min 20°C)

Dimensions

D	8mm +/-0.5mm
L	12.4mm +/-0.3mm
W	8.3mm +/-0.2mm
H	8.3mm +/-0.2mm
C	11mm +/-0.2mm
J	4mm NOM
K	2.3mm NOM
P	3.1mm NOM
R	0.8 - 1.1mm

Packaging Specifications

Packaging	T&R, 380mm
Packaging Quantity	400

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