

A780, Hybrid Polymer, 56 uF, 20%, 63 VDC, -55/+125°C



Dimensions

D	10mm +/-0.5mm
L	12.2mm +/-0.5mm
W	10.3mm +/-0.2mm
H	10.3mm +/-0.2mm
C	11mm +/-0.2mm
P	4.6mm NOM
R	0.8 - 1.1mm

Packaging Specifications

Packaging:	T&R, 380mm
Packaging Quantity:	400

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
Capacitance 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
Resistance:	30 mOhms (100kHz 20C)
Ripple Current:	1800 mAmps (100kHz 125C), 5950 mAmps (100kHz 105C MAX, With Heat Sink), 3400 mAmps (100kHz 125C MAX, With Heat Sink)
Leakage Current:	35.28 uA (2min 20°C)
High Temperature Solder:	No

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