



Click [here](#) for the 3D model.

General Information

Series	A781
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	68 uF
Capacitance Tolerance	20%
Voltage DC	63 VDC, 72.45 VDC (Surge)
Temperature Range	-55/+135°C
Rated Temperature	135°C
Life	2000 Hrs
Dissipation Factor	8% 120Hz 20C
ESR	35 mOhms (100kHz 20C)
Ripple Current	1850 mAmps (100kHz 125C), 2100 mAmps (100kHz 135C), 5900 mAmps (100kHz 105C MAX, With Heat Sink), 3800 mAmps (100kHz 125C MAX, With Heat Sink)
Leakage Current	42.84 uA (2min 20°C)
High Temperature Solder	Yes

Dimensions

D	10mm +/-0.5mm
L	10.2mm +/-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	500

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.