



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	150 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC, 57.5 VDC (Surge)
Temperature Range	-55/+135°C
Rated Temperature	135°C
Life	2000 Hrs
Dissipation Factor	10% 120Hz 20C
ESR	28 mOhms (100kHz 20C)
Ripple Current	2300 mAmps (100kHz 125C), 2600 mAmps (100kHz 135C), 6600 mAmps (100kHz 105C MAX, With Heat Sink), 4250 mAmps (100kHz 125C MAX, With Heat Sink)
Leakage Current	75 uA (2min 20°C)
High Temperature Solder	Yes

**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
-----------	------------

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.