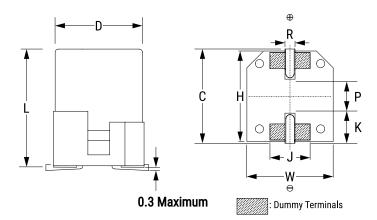


A780MN686M1JLAV035

A780, Aluminum, Hybrid Polymer, 68 uF, 20%, 63 VDC, -55/+125°C



Click here for the 3D model.

500

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 10mm +/-0.5mm Capacitance 68 uF 10.4mm +/-0.3mm Tolerance 20% 63 VDC, 72.45 VDC (Surge) 10.3mm +/-0.2mm Voltage DC 10.8mm +/-0.2mm **Temperature Range** -55/+125°C 11.2mm +/-0.2mm **Rated Temperature** 125°C 4000 Hrs 4.4mm NOM Life 3.2mm NOM **Dissipation Factor** 8% 120Hz 20C 4.6mm NOM ESR 35 mOhms (100kHz 20C) 1650 mAmps (100kHz 125C), 0.7 - 1.1mm **Ripple Current** 5510 mAmps (100kHz 105C **Packaging Specifications** 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.

Dimensions

D

L

W

н

С

J

Κ

Ρ

R

Packaging

Packaging Quantity

	MAX, With Heat Sink), 3200 mAmps (100kHz 125C MAX, With Heat Sink)
High Temperature Solder	Yes

Leakage Current

42.8 uA (2min 20°C)