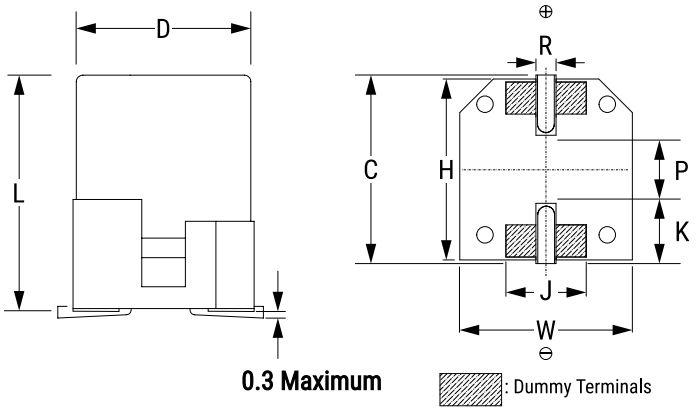
A780MN686M1JLAV035

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



Click here for the 3D model.

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

Dimensions	
D	10mm +/-0.5mm
L	10.4mm +/-0.3mm
W	10.3mm +/-0.2mm
H	10.8mm +/-0.2mm
C	11.2mm +/-0.2mm
J	4.4mm NOM
K	3.2mm NOM
P	4.6mm NOM
R	0.7 - 1.1mm

Packaging Specifications	
Packaging	T&R, 380mm
Packaging Quantity	500

Specifications	
Capacitance	68 uF
Tolerance	20%
Voltage DC	63 VDC, 72.45 VDC (Surge)
Temperature Range	-55/+125°C
Rated Temperature	125°C
Life	4000 Hrs
Dissipation Factor	8% 120Hz 20C
ESR	35 mOhms (100kHz 20C)
Ripple Current	1650 mAmps (100kHz 125C), 5510 mAmps (100kHz 105C MAX, With Heat Sink), 3200 mAmps (100kHz 125C MAX, With Heat Sink)
High Temperature Solder	Yes
Leakage Current	42.8 uA (2min 20°C)

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