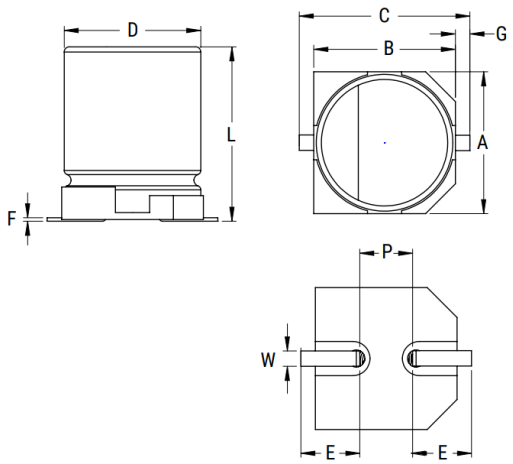
EXV687M010A9PAA

EXV, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 10 VDC, -55/+105°C



Click here for the 3D model.

General Information	
Series	EXV
Dielectric	Aluminum Electrolytic
Style	SMD Can
Description	Surface Mount, Aluminum Electrolytic
RoHS	Yes
Lead	V-Chip
AEC-Q200	No

Dimensions	
D	10mm +/-0.5mm
L	10.2mm +/-0.3mm
W	0.9mm +/-0.2mm
F	0.3mm MAX
A	10.3mm +/-0.2mm
B	10.3mm +/-0.2mm
C	13mm MAX
E	3.2mm +/-0.2mm
G	0.7mm +/-0.2mm
P	4.6mm +/-0.2mm

Packaging Specifications	
Packaging	T&R, 380mm

Specifications	
Capacitance	680 uF
Tolerance	20%
Voltage DC	10 VDC, 13 VDC (Surge)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	5000 Hrs
Dissipation Factor	19%
ESR	0.12 Ohms (100kHz 20C)
ESR	120 mOhms
Ripple Current	850 mAmps (100kHz 105C), 595 mAmps (120Hz 85C)
Compare Ripple Current at 120Hz	0.595
High Temperature Solder	Yes
Leakage Current	68 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3