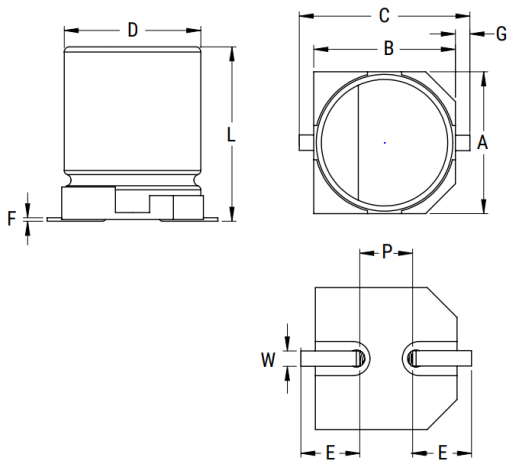
EEV227M050S9PAA

EEV, Aluminum, Aluminum Electrolytic, 220 uF, 20%, 50 VDC, -55/+105°C



Click here for the 3D model.

General Information	
Series	EEV
Dielectric	Aluminum Electrolytic
Style	SMD Can
Description	Surface Mount, Aluminum Electrolytic
RoHS	Yes
Lead	V-Chip
Qualifications	AEC-Q200
AEC-Q200	Yes

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	12mm MAX
E	3.2mm +/-0.2mm
G	0.7mm +/-0.2mm
P	4.6mm +/-0.2mm

Packaging Specifications	
Packaging	T&R, 380mm

Specifications	
Capacitance	220 uF
Tolerance	20%
Voltage DC	50 VDC, 63 VDC (Surge)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	12% 120Hz 20C
ESR	0.3 Ohms (100kHz 20C)
ESR	300 mOhms
Ripple Current	350 mAmps (120Hz), 400 mAmps (1kHz), 500 mAmps (100kHz)
Compare Ripple Current at 120Hz	0.35
High Temperature Solder	Yes
Leakage Current	110 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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