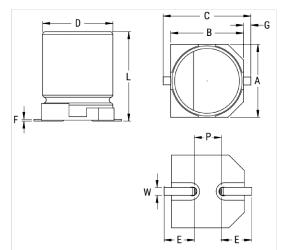


a YAGEO company

EEV687M016S9PAA

EEV, Aluminum Electrolytic, 680 uF, 20%, 16 VDC, -55/+105°C



Click here for the 3D model.

Dimensions	
D	10mm +/-0.5mm
L	10.2mm +/-0.3mm
W	0.9mm +/-0.2mm
F	0.3mm MAX
Α	10.3mm +/-0.2mm
В	10.3mm +/-0.2mm
С	13mm MAX
E	3.5mm +/-0.2mm
G	0.7mm +/-0.2mm
Р	4.6mm +/-0.2mm

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

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	

Specifications	
Capacitance	680 uF
Capacitance Tolerance	20%
Voltage DC	16 VDC, 20 VDC (Surge)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	16% 120Hz 20C
Resistance	0.08 Ohms (100kHz 20C)
Ripple Current	595 mAmps (120Hz 105C), 680 mAmps (1kHz), 850 mAmps (100kHz)
Leakage Current	75.2 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3
High Temperature Solder	Yes

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