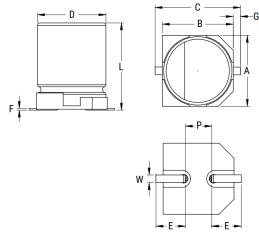


## EEV158M6R3A9PAA

EEV, Aluminum, Aluminum Electrolytic, 1,500 uF, 20%, 6.3 VDC, -55/ +105°C



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

Click here for the 3D model.

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	Dimensions	
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	D	10mm +/-0.5mm
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	L	10.2mm +/-0.3mm
A   10.3mm +/-0.2mm     B   10.3mm +/-0.2mm     C   12mm MAX     E   3.2mm +/-0.2mm     G   0.7mm +/-0.2mm	W	0.9mm +/-0.2mm
B 10.3mm +/-0.2mm   C 12mm MAX   E 3.2mm +/-0.2mm   G 0.7mm +/-0.2mm	F	0.3mm MAX
C 12mm MAX   E 3.2mm +/-0.2mm   G 0.7mm +/-0.2mm	Α	10.3mm +/-0.2mm
E 3.2mm +/-0.2mm G 0.7mm +/-0.2mm	В	10.3mm +/-0.2mm
G 0.7mm +/-0.2mm	C	12mm MAX
• • • • • • • • • • • • • • • • • • •	E	3.2mm +/-0.2mm
P 4.6mm +/-0.2mm	G	0.7mm +/-0.2mm
	Р	4.6mm +/-0.2mm

## Packaging Specifications

Packaging

T&R, 380mm

Specifications	
Capacitance	1,500 uF
Tolerance	20%
Voltage DC	6.3 VDC, 8 VDC (Surge)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	26% 120Hz 20C
ESR	0.08 Ohms (100kHz 20C)
ESR	80 mOhms
Ripple Current	595 mAmps (120Hz), 680 mAmps (1kHz), 850 mAmps (100kHz)
Compare Ripple Current at 120Hz	0.595
High Temperature Solder	Yes
Leakage Current	94.5 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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.