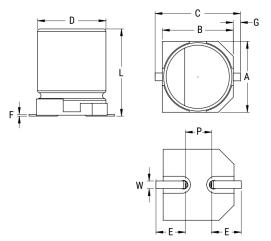
## **EXV687M010S9PAA**







Click	here fo	rthe 3	D model	

General Information		
Series	EXV	
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
Α	10.3mm +/-0.2mm
В	10.3mm +/-0.2mm
С	13mm MAX
E	3.2mm +/-0.2mm
G	0.7mm +/-0.2mm
Р	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

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.

Generated 05/01/2025 © 2006 - 2025 YAGEO