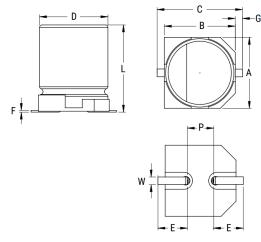


EXV687M6R3S9PAA

EXV, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 6.3 VDC, -55/+105°C



General Information EXV Series 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
Tolerance	20%
Voltage DC	6.3 VDC, 8 VDC (Surge)
Temperature Range	-55/+105°C
Rated Temperature	105°C
Life	5000 Hrs
Dissipation Factor	26%
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	42.8 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

Click here for the 3D model.

Packaging Specifications

Packaging

T&R, 380mm

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.