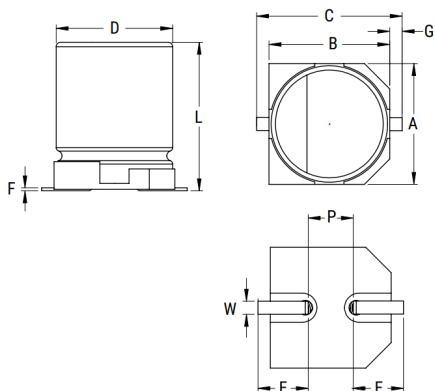


EXV, Aluminum Electrolytic, 1 μ F, 20%, 50 VDC, -55/+105°C

General Information

Supplier:	KEMET
Series:	EXV
Dielectric:	Aluminum Electrolytic
Style:	SMD Can
Description:	Surface Mount, Aluminum Electrolytic
Features:	Ultra Low Impedance
RoHS:	Yes
Lead:	V-Chip
AEC-Q200:	No

Dimensions

D	4mm +/-0.5mm
L	5.4mm +0.25/-0.1mm
W	0.65mm +/-0.1mm
F	0.3mm MAX
A	4.3mm +/-0.2mm
B	4.3mm +/-0.2mm
C	5.5mm MAX
E	1.8mm +/-0.2mm
G	0.35mm +0.15/-0.2mm
P	1mm +/-0.2mm

Packaging Specifications

Packaging:	T&R, 380mm
Packaging Quantity:	2000

Specifications

Capacitance:	1 μ F
Capacitance Tolerance:	20%
Voltage DC:	50 VDC, 63 VDC (Surge)
Temperature Range:	-55/+105°C
Rated Temperature:	105°C
Life:	3000 Hrs
Dissipation Factor:	12.00%
Resistance:	5 Ohms (100kHz)
Ripple Current:	42 mAmps (120Hz), 84 mAmps (120Hz 85C), 60 mAmps (100kHz)
Leakage Current:	3 μ A (2min 20°C)
Impedance Ratio at -25C:	2
Impedance Ratio at -40C:	3
High Temperature Solder:	Yes