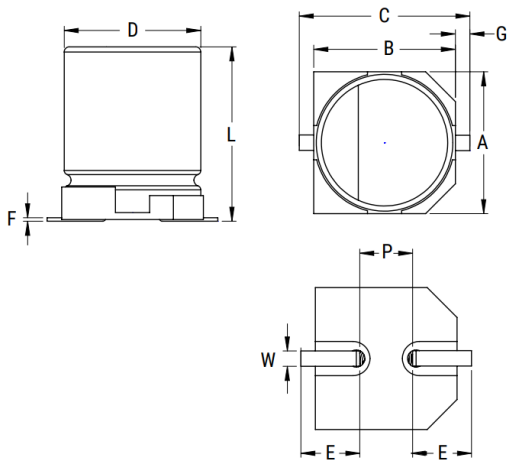
EDH105M050S9BAA

EDH, Aluminum Electrolytic, 1 uF, 20%, 50 VDC, -40/+105°C



Click here for the 3D model.

General Information	
Series	EDH
Dielectric	Aluminum Electrolytic
Style	SMD Can
Description	Surface Mount, Aluminum Electrolytic
RoHS	Yes
Lead	V-Chip
Qualifications	AEC-Q200

Dimensions	
D	4mm +/-0.5mm
L	5.4mm +/-0.3mm
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

Specifications	
Capacitance	1 uF
Tolerance	20%
Voltage DC	50 VDC, 63 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	12% 120Hz 20C
Ripple Current	10 mAmps (120Hz 105C)
Ripple Current at 120Hz	0.01
High Temperature Solder	Yes
Leakage Current	3 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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