

ESS105M050AB2DA

ESS, Aluminum Electrolytic, 1 uF, 20%, 50 VDC, -40/+105°C, Lead Spacing = 5mm



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Dimensions

D	4mm +/-0.5mm
L	7mm +1.5mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.45mm NOM

Packaging Specifications

Packaging	Ammo
Packaging Quantity	2500

General Information

Series	ESS
Dielectric	Aluminum Electrolytic
Description	Single Ended, Aluminum Electrolytic
RoHS	Yes
Lead	Formed To 5mm
AEC-Q200	No

Specifications

Capacitance	1 uF
Capacitance Tolerance	20%
Voltage DC	50 VDC, 63 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	1000 Hrs
Dissipation Factor	10%
Ripple Current	10 mAmps (120Hz 105C)
Leakage Current	3 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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