

ESX107M025AG3EA

ESX, Aluminum Electrolytic, 100 uF, 20%, 25 VDC, -40/+105°C, Lead Spacing = 3.5mm



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Dimensions

D	8mm +/-0.5mm
L	11mm +1.5mm
S	3.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging	Ammo
Packaging Quantity	1000

General Information

Series	ESX
Dielectric	Aluminum Electrolytic
Description	Single Ended Aluminum Electrolytic
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No

Specifications

Capacitance	100 uF
Capacitance Tolerance	20%
Voltage DC	25 VDC, 32 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	2000 Hrs
Dissipation Factor	14%
Resistance	0.42 Ohms (ESR, 100kHz 25C), 0.42 Ohms (Z, 100kHz 20C)
Ripple Current	300 mAmps (100kHz 105C)
Leakage Current	32 uA (2min 20°C)
Impedance Ratio at -25C	3
Impedance Ratio at -40C	4

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