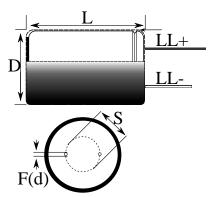
KEMET Part Number: ESC687M010AH1AA



ESC, Aluminum Electrolytic, 105C LowZ, 680 uF, 20%, 10 V, -40/+105C, Lead Spacing = 5mm



Dimensions	
D	10mm +/-0.5mm
L	12mm +1.5mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications		
Packaging:	Bulk, Bag	
Packaging Quantity:	4000	

General Information		
Supplier:	KEMET	
Series:	ESC	
Dielectric:	Aluminum Electrolytic	
Description:	LowESR Single Ended Aluminum Electrolytic	
Features:	Low ESR	
RoHS:	Yes	
Lead:	Wire Leads	

Specifications	
Capacitance:	680 uF
Capacitance Tolerance:	20%
Voltage DC:	10 VDC, 13 VDC (Surge)
Temperature Range:	-40/+105C
Rated Temperature:	105C
Life:	2000 Hrs
Dissipation Factor:	14.000000000000002%
Resistance:	0.085 Ohms (100kHz)
Current:	800 mAmps (100kHz 105C)
Leakage Current:	68 uA (2min 20C)
Impedance Ratio at -25C:	3
Impedance Ratio at -40C:	6

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