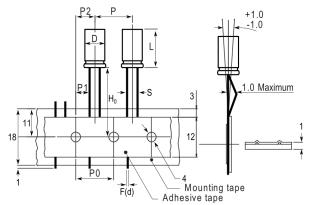


ESG685M450AH4EA

ESG, Aluminum Electrolytic, 6.8 uF, 20%, 450 VDC, -25/+105°C, Lead Spacing = 5mm

Straight Leads Diameter > 8 Lead and packaging code EA and KA



Note: '()' correspond to the letters used in the product bulletin

Click here for the 3D model.

Dimensions	
D	10mm +/-0.5mm
L	20mm +2mm
S	5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.6mm NOM

Packaging Specifications

Packaging	Ammo
Packaging Quantity	700

General Information		
Series	ESG	
Dielectric	Aluminum Electrolytic	
Description	Long Life Single Ended Aluminum Electrolytic	
Features	Long Life	
RoHS	Yes	
Lead	Wire Leads	
AEC-Q200	No	

Specifications	/
Capacitance	6.8 uF
Capacitance Tolerance	20%
Voltage DC	450 VDC, 500 VDC (Surge)
Temperature Range	-25/+105°C
Rated Temperature	105°C
Life	3000 Hrs
Dissipation Factor	24% 120Hz 20C
Ripple Current	90 mAmps (120Hz 105C)
Leakage Current	194 uA (2min 20°C)
Impedance Ratio at -25C	6

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.