

ESS476M016AE2AA

General Information

Series Dielectric

RoHS

Lead

Description

AEC-Q200

ESS, Aluminum, Aluminum Electrolytic, 47 uF, 20%, 16 VDC, -40/+105°C, 2.5 mm

ESS

Yes

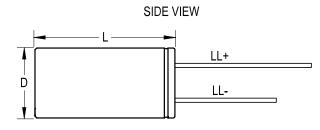
No

Electrolytic

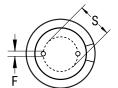
Wire Leads

Aluminum Electrolytic

Single Ended, Aluminum



TERMINAL END VIEW



15mm MIN

20mm MIN 0.45mm NOM

Bulk, Bag

Click here for the 3D model.	
	Specifications
6.3mm +/-0.5mm	Capacitance
7mm +1.5mm	Tolerance
2.5mm +/-0.5mm	Voltage DC

Specifications	
Capacitance	47 uF
Tolerance	20%
Voltage DC	16 VDC, 20 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	1000 Hrs
Dissipation Factor	17%
Ripple Current	77 mAmps (120Hz 105C)
Leakage Current	7.52 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	4

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.

Dimensions

LL Negative LL Positive

Packaging

Packaging Specifications

D L s

F