

ESS476M035AE2AA

ESS, Aluminum, Aluminum Electrolytic, 47 uF, 20%, 35 VDC, -40/+105°C, 2.5 mm

SIDE VIEW



TERMINAL END VIEW



Click [here](#) for the 3D model.

General Information

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

Dimensions

D	6.3mm +/-0.5mm
L	7mm +1.5mm
S	2.5mm +/-0.5mm
LL Negative	15mm MIN
LL Positive	20mm MIN
F	0.45mm NOM

Packaging Specifications

Packaging	Bulk, Bag
-----------	-----------

Specifications

Capacitance	47 uF
Tolerance	20%
Voltage DC	35 VDC, 44 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	1000 Hrs
Dissipation Factor	12%
Ripple Current	81 mAmps (120Hz 105C)
Leakage Current	16.45 uA (2min 20°C)
Impedance Ratio at -25C	2
Impedance Ratio at -40C	3

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.