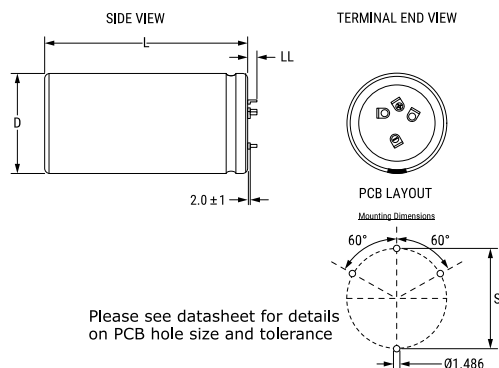


KEMET Part Number: ALF70C511DD400
(A556EF511M400C)



ALF70, Aluminum Electrolytic, 510 uF, 20%, 400 VDC, -40/+85°C



Please see datasheet for details on PCB hole size and tolerance

Dimensions

D	35mm +1mm
L	40mm +/-2mm
S	22.5mm +/-0.1mm
LL	5.5mm +/-1mm
F	1.486mm +/-0.076mm

Packaging Specifications

Weight:	65 g
Sleeving:	Yes
Packaging:	Bulk

General Information

Series:	ALF70
Dielectric:	Aluminum Electrolytic
Style:	Press-Fit
Description:	Press-Fit, Aluminum Electrolytic
RoHS:	Yes
Lead:	4 Pin Press-Fit
AEC-Q200:	No
Halogen Free:	Yes
Notes:	Dimensions D And L Include Sleeving.
Shelf Life:	156 Weeks

Specifications

Capacitance:	510 uF
Capacitance Tolerance:	20%
Voltage DC:	400 VDC, 440 VDC (Surge)
Temperature Range:	-40/+85°C
Rated Temperature:	85°C
Life:	15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage at 85C)
Resistance:	272.3 mOhms (100Hz 20C), 144.6 mOhms (10kHz 20C)
Ripple Current:	2.459 Amps (100Hz 85C), 5.738 Amps (10kHz 85C)
Leakage Current:	1224 uA (5min 20°C)

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.

