

**General Information** 

Series

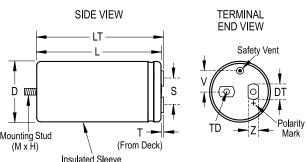
Dielectric



ALS41, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 400 VDC, -40/ +105°C, 22.2 mm

ALS41

Aluminum Electrolytic



F1 + / 1	C:t	10005
Dimensions	Specifications	
	Shelf Life	156 Weeks
Click here for the 3D model.	Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
	Typical Component Weight	300 g
	Halogen Free	No
(M x H) (From Deck) Insulated Sleeve	AEC-Q200	No
Safety Vent  Nounting Stud	Optional Mounting	Stud
	Mounting	Through-Hole
	Lead	Screw Terminals M5
	RoHS	Yes
	Description	Screw Terminal, Aluminum Electrolytic

Dimensions	
D	51mm +/-1mm
L	105mm +/-2mm
Т	5.5mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	13mm +/-0.5mm
LT	110.5mm +/-1mm
TD	10mm MIN
V	13.7mm NOM
Z	10mm NOM

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Box

Specifications	
Capacitance	1,000 uF
Tolerance	20%
Voltage DC	400 VDC, 440 VDC (Surge)
Temperature Range	-40/+105°C
Rated Temperature	105°C
Life	7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C)
ESR	124 mOhms (100Hz 20C), 81 mOhms (10kHz 20C)
Ripple Current	5.6 Amps (100Hz 105C), 12.3 Amps (10kHz 105C)
Leakage Current	1200 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.

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