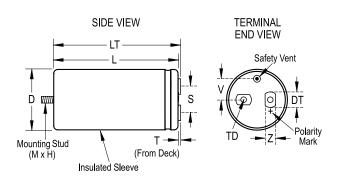




ALS41, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 400 VDC, –40/ \pm +105°C, 22.2 mm



Click here for the 3D model.

Series ALS41 Dielectric Aluminum Electrolytic Description Screw Terminal, Aluminum Electrolytic ROHS Yes Lead Screw Terminals M5 Mounting Through-Hole Optional Mounting Stud	General Information	
Description Screw Terminal, Aluminum Electrolytic RoHS Yes Lead Screw Terminals M5 Mounting Through-Hole Optional Mounting Stud	Series	ALS41
RoHS Yes Lead Screw Terminals M5 Mounting Through-Hole Optional Mounting Stud	Dielectric	Aluminum Electrolytic
Lead Screw Terminals M5 Mounting Through-Hole Optional Mounting Stud	Description	•
Mounting Through-Hole Optional Mounting Stud	RoHS	Yes
Optional Mounting Stud	Lead	Screw Terminals M5
· •	Mounting	Through-Hole
AFC-Q200 No	Optional Mounting	Stud
712 G200	AEC-Q200	No
Halogen Free No	Halogen Free	No
Typical Component Weight 300 g	Typical Component Weight	300 g
Notes Dimensions D And L Include Sleeving. MS (MxH) = M12x16.	Notes	
Shelf Life 156 Weeks	Shelf Life	156 Weeks

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	

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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