

**General Information** 

Series

Dielectric

Description

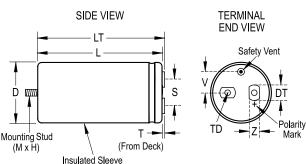


ALS41, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 100 VDC, -40/ +105°C, 22.2 mm

ALS41

Aluminum Electrolytic

Screw Terminal, Aluminum



-	L Safety Vent		Electrolytic
1		RoHS	Yes
Ď 📠		Lead	Screw Terminals M5
		Mounting	Through-Hole
Mounting Stud	TD - Z Polarity Mark	Optional Mounting	Stud
(M x H)	\ (From Deck) Insulated Sleeve	AEC-Q200	No
Click here for the 3D model.		Halogen Free	No
		Typical Component Weight	300 g
		Notes	Dimensions D And L Include Sleeving. MS (MxH) = M12x16.
		Shelf Life	156 Weeks
Dimensions		Specifications	
D	51mm +/-1mm	Capacitance	10,000 uF

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	10,000 uF			
Tolerance	20%			
Voltage DC	100 VDC, 115 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	21 mOhms (100Hz 20C), 18 mOhms (10kHz 20C)			
Ripple Current	10.9 Amps (100Hz 105C), 11.5 Amps (10kHz 105C)			
Leakage Current	3000 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.

Generated 07/16/2025 © 2006 - 2025 YAGEO