

# ALS71H512KF250

ALS71, Aluminum, Aluminum Electrolytic, 5,100 uF, 20%, 250 VDC, -40/+85°C, 22.2 mm



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

## General Information

Series	ALS71
Dielectric	Aluminum Electrolytic
Description	Screw Terminal, Aluminum Electrolytic
RoHS	Yes
Lead	Threaded Inserts - 10-32 UNF class 2B
Mounting	Through-Hole
Optional Mounting	Stud
Halogen Free	Yes
Typical Component Weight	300 g
Notes	Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737
Shelf Life	156 Weeks

## Dimensions

D	51mm +/-1mm
L	105mm +/-2mm
T	7.1mm +/-0.5mm
S	22.2mm +/-0.5mm
DT	8mm +/-0.5mm
LT	Available On Request
TD	10mm MIN
V	13.7mm NOM

## Packaging Specifications

Slewing	Yes
Packaging	Tray

## Specifications

Capacitance	5,100 uF
Tolerance	20%
Voltage DC	250 VDC, 288 VDC (Surge)
Temperature Range	-40/+85°C
Rated Temperature	85°C
Life	18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage at 85C)
ESR	53 mOhms (100Hz 20C), 36 mOhms (10kHz 20C)
Ripple Current	10.6 Amps (100Hz 85C), 16.2 Amps (10kHz 85C)
Leakage Current	6000 uA

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