

ALS70H272MF550

ALS70, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 550 VDC, -40/+85°C, 28.5 mm



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

General Information

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|--------------------------|----------------------------------------------------------------------------------------------------|
| Series | ALS70 |
| Dielectric | Aluminum Electrolytic |
| Description | Screw Terminal, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Threaded Inserts - 10-32 UNF class 2B |
| Mounting | Through-Hole |
| Halogen Free | Yes |
| Typical Component Weight | 505 g |
| Notes | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V10/2738 |
| Shelf Life | 156 Weeks |

Dimensions

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|----|----------------------|
| D | 66mm +/-1mm |
| L | 105mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 28.5mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | Available On Request |
| TD | 10mm MIN |
| V | 15.8mm NOM |

Packaging Specifications

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|-----------|------|
| Sleeving | Yes |
| Packaging | Tray |

Specifications

| | |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance | 2,700 uF |
| Tolerance | 20% |
| Voltage DC | 550 VDC, 605 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 19000 Hrs (Rated Voltage And Ripple Current At 85C), 38000 Hrs (Rated Voltage At 85C) |
| ESR | 162 mOhms (100Hz 20C), 140 mOhms (10kHz 20C) |
| Ripple Current | 11.1 Amps (100Hz 85C), 17 Amps (10kHz 85C) |
| Leakage Current | 6000 uA |

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