

ALS80H681DE450

ALS80, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 VDC, -40/+105°C, 12.8 mm



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

General Information

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|--------------------------|--|
| Series | ALS80 |
| 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 | 115 g |
| Notes | Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life | 156 Weeks |

Dimensions

| | |
|----|----------------------|
| D | 36mm +/-1mm |
| L | 82mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | Available On Request |
| TD | 10mm MIN |
| V | 8mm NOM |

Packaging Specifications

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|-----------|------|
| Slewing | Yes |
| Packaging | Tray |

Specifications

| | |
|-------------------|--|
| Capacitance | 680 uF |
| Tolerance | 20% |
| Voltage DC | 450 VDC, 495 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage at 105C) |
| ESR | 228 mOhms (100Hz 20C), 140 mOhms (10kHz 20C) |
| Ripple Current | 3.5 Amps (100Hz 105C), 8.7 Amps (10 kHz 105C) |
| Leakage Current | 918 uA |

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