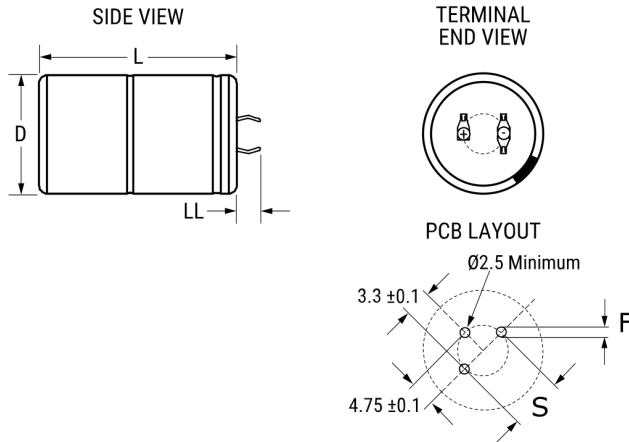


ALA8DF241CC450

Aliases (A543DE241M450F)

ALA8D, Aluminum Electrolytic, 240 uF, 20%, 450 VDC, -40/+105°C



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

| Dimensions | |
|------------|---------------|
| D | 30mm +1mm |
| L | 35mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 4mm +/-1mm |
| F | 2mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 160 |

| General Information | |
|---------------------|---|
| Series | ALA8D |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 3 Pin |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Halogen Free | Yes |
| Component Weight | 45 g |
| Miscellaneous | Vibration: <= 35mm 1.5mm displacement amplitude or 20G maximum acceleration. Vibration applied for three directions of 4-hour sessions at 10 - 2,000 Hz. (Capacitor clamped by body.) |
| Shelf Life | 156 Weeks |

| Specifications | |
|-----------------------|--|
| Capacitance | 240 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 450 VDC, 495 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) |
| Resistance | 566.4 mOhms (100Hz 20C), 331 mOhms (10kHz 20C) |
| Ripple Current | 1.64 Amps (100Hz 105C), 4.62 Amps (10kHz 105C) |
| Leakage Current | 324 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.