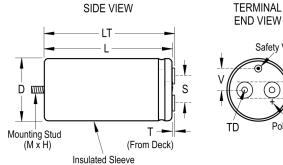
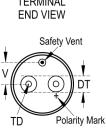


ALS71C682QS600

Aliases (A490UV682M600C)

ALS71, Aluminum Electrolytic, 6,800 uF, 20%, 600 VDC, -40/+85°C





| General Information | 1   |
|---------------------|---|
| Series              | ALS71   |
| Dielectric          | Aluminum Electrolytic   |
| Description         | Screw Terminal, Aluminum Electrolytic   |
| RoHS                | Yes   |
| Mounting            | Stud  |
| AEC-Q200            | No  |
| Halogen Free        | Yes   |
| Component<br>Weight | 1800 g  |
| Notes               | Dimensions D And L Include Sleeving. MS (MxH) =<br>M12x16. Mounting Clamp (Sold Separately): V90N |
| Shelf Life          | 156 Weeks   |

Click here for the 3D model.

| Dimensions |                      |
|------------|----------------------|
| D          | 90mm +/-1mm          |
| L          | 194mm +/-2mm         |
| т          | 5.5mm +/-0.5mm       |
| S          | 31.8mm +/-0.5mm      |
| DT         | 13mm +/-0.5mm        |
| LT         | Available On Request |
| TD         | 10mm MIN             |
| V          | 25mm NOM             |

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

| Specifications           |  |
|--------------------------|--|
| Capacitance              | 6,800 uF   |
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 600 VDC, 660 VDC (Surge)   |
| Temperature<br>Range     | -40/+85°C  |
| Rated<br>Temperature     | 85°C   |
| Life                     | 20000 Hrs (Rated Voltage And Ripple Current<br>At 85C), 40000 Hrs (Rated Voltage At 85C) |
| Resistance               | 24 mOhms (100Hz 20C), 17 mOhms (10kHz 20C)   |
| Ripple Current           | 24.3 Amps (100Hz 85C), 35.5 Amps (10kHz<br>85C)  |
| Leakage Current          | 6000 uA  |

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.