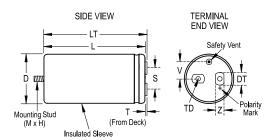
KEMET Part Number: ALS33A562N5C400 Not for New Design

(A432TQ562M400A)



ALS33, Aluminum Electrolytic, 5,600 uF, 20%, 400 VDC, -40/+85°C



| General Information | |
|---------------------|---|
| Series: | ALS33 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| Mounting: | Stud |
| AEC-Q200: | No |
| Notes: | Add 0.4mm To D (1.1mm When D = 88.9) And 1.1mm To L For Sleeving. MS (MxH) = M12x16 |

| Dimensions | |
|------------|------------------|
| D | 76.2mm +/-0.8mm |
| L | 130.2mm +/-1.6mm |
| Т | 5.5mm +/-0.5mm |
| S | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | 135mm +/-1mm |
| TD | 10mm MIN |
| V | 19mm NOM |
| Z | 10mm NOM |

| Packaging Specifications | |
|--------------------------|-----------|
| Weight: | 865 g |
| Packaging: | Bulk, Box |

| Specifications | |
|------------------------|---|
| Capacitance: | 5,600 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 400 VDC, 440 VDC (Surge) |
| Temperature Range: | -40/+85°C |
| Rated Temperature: | 85°C |
| Life: | 20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C) |
| Resistance: | 30 mOhms (120Hz 25C), 21 mOhms (20kHz 25C) |
| Ripple Current: | 17.6 Amps (120Hz 85C), 23.7 Amps (20kHz 85C) |
| Leakage Current: | 6000 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.



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