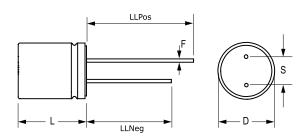
KEMET Part Number: A759KS335M2EAAE512



Capacitor, Aluminum, 3.3 uF, +/-20% Tol, -55/+125C, 250 VDC@125C



| General Information | | |
|------------------------|-----------------------------------|--|
| Supplier: | KEMET | |
| Application: | 125C Polymer | |
| Part Type Description: | Single Ended, Polymer Aluminum | |
| Lead Type: | Wire Leads | |
| RoHS: | Yes | |

| Dimensions (mm) | | |
|-----------------|-----------|-----------|
| Symbol | Dimension | Tolerance |
| D | 8 | +/-0.5 |
| L | 12 | +/-1 |
| S | 3.5 | +/-0.5 |
| LLPos | 19 | MIN |
| LLNeg | 15 | MIN |
| F | 0.6 | +/-0.5 |

| Packaging Specifications | |
|--------------------------|------|
| Package Kind: | Bulk |
| Package Type: | Bag |

| Specifications | |
|-------------------------|--|
| Capacitance: | 3.3 uF |
| Voltage: | 250 VDC |
| Tolerance: | +/-20% |
| Voltage: | 287.5 VDC (Surge) |
| Life: | 2000 Hrs (+/-20% Initial Capacitance, 1.5x DF MAX, Leakage Within Limit) |
| Rated Temperature: | 125C |
| Temperature Range: | -55/+125C |
| Leakage Current: | 123.75 uA |
| Leakage Condition: | uAmps (2min 20C) |
| Dissipation Factor: | 12% |
| Impedance Ratio -25C: | 1.25 |
| Impedance Ratio -55C: | 1.25 |
| Resistance/ESR: | 512 mOhms (100kHz 20C) |
| Current/Ripple Current: | 0.45 mAmps (100kHz 105C) |
| Current/Ripple Current: | 0.175 mAmps (100kHz 125C) |

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.

