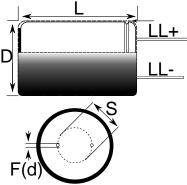
KEMET Part Number: EST158M016AH5AA



Aluminum Electrolytic, 105C LowZ, EST, 1500 uF, 20%, 16 V, -40/+105C, Lead Spacing = 5mm



| lote: '()' | correspond | to the let | ters used | in the i | product bulletin |
|------------|------------|------------|-----------|----------|------------------|
| | | | | | |

| Dimensions | | | | |
|-------------|---------------|--|--|--|
| D | 10mm +/-0.5mm | | | |
| L | 25mm +2.0mm | | | |
| S | 5mm +/-0.5mm | | | |
| LL Negative | 15mm MIN | | | |
| LL Positive | 20mm MIN | | | |
| F | 0.6mm NOM | | | |

| Packaging Specifications | | |
|--------------------------|-----------|--|
| Packaging: | Bulk, Bag | |
| Packaging Quantity: | 2400 | |

| General Information | | | | |
|---------------------|--|--|--|--|
| Dielectric: | Aluminum Electrolytic | | | |
| Series: | EST | | | |
| Description: | LowZ, Long Life, Single Ended Aluminum Electrolytic | | | |
| RoHS: | Yes | | | |
| Lead: | Wire Leads | | | |

| Specifications | | |
|--------------------------|-------------------------|--|
| Capacitance: | 1500 uF | |
| Capacitance Tolerance: | 20% | |
| Voltage DC: | 16 VDC, 20 VDC (Surge) | |
| Temperature Range: | -40/+105C | |
| Rated Temperature: | 105C | |
| Life: | 7000 Hrs | |
| Dissipation Factor: | 16% | |
| Resistance: | 0.052 Ohms (100kHz 25C) | |
| Current: | 1650 mAmps (120Hz 105C) | |
| Leakage Current: | 240 uA (2min 20C) | |
| Impedance Ratio at -25C: | 2 | |
| Impedance Ratio at -40C: | 4 | |

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.

