

## ESH228M016AL3AA

ESH, Aluminum, Aluminum Electrolytic, 2,200 uF, 20%, 16 VDC, -40/+105°C, 5 mm

SIDE VIEW



TERMINAL END VIEW



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

### General Information

|             |                                            |
|-------------|--------------------------------------------|
| Series      | ESH                                        |
| Dielectric  | Aluminum Electrolytic                      |
| Description | High CV Single Ended Aluminum Electrolytic |
| RoHS        | Yes                                        |
| Lead        | Wire Leads                                 |
| AEC-Q200    | No                                         |

### Dimensions

|             |                |
|-------------|----------------|
| D           | 13mm +/-0.5mm  |
| L           | 20mm +2.0/-0mm |
| S           | 5mm +/-0.5mm   |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.6mm NOM      |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

### Specifications

|                         |                         |
|-------------------------|-------------------------|
| Capacitance             | 2,200 uF                |
| Tolerance               | 20%                     |
| Voltage DC              | 16 VDC, 20 VDC (Surge)  |
| Temperature Range       | -40/+105°C              |
| Rated Temperature       | 105°C                   |
| Life                    | 2000 Hrs                |
| Dissipation Factor      | 18% 120Hz 25C           |
| Ripple Current          | 1050 mAmps (120Hz 105C) |
| Leakage Current         | 352 uA (2min 20°C)      |
| 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.