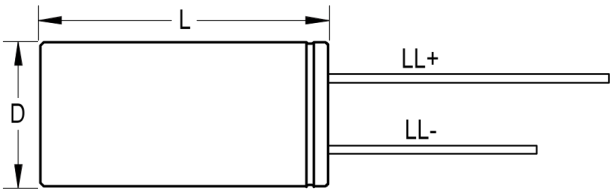


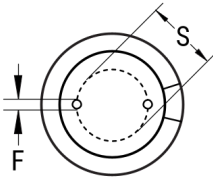
**ESL278M016AK1AA**

ESL, Aluminum Electrolytic, 2,700 uF, 20%, 16 VDC, -40/+105°C, Lead Spacing = 5mm

SIDE VIEW



TERMINAL END VIEW



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

| Dimensions  |                 |
|-------------|-----------------|
| D           | 12.5mm +/-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       | 2000      |

| General Information |                                    |
|---------------------|------------------------------------|
| Series              | ESL                                |
| Dielectric          | Aluminum Electrolytic              |
| Description         | Single Ended Aluminum Electrolytic |
| RoHS                | Yes                                |
| Lead                | Wire Leads                         |
| AEC-Q200            | No                                 |

| Specifications          |                          |
|-------------------------|--------------------------|
| Capacitance             | 2,700 uF                 |
| Capacitance Tolerance   | 20%                      |
| Voltage DC              | 16 VDC, 20 VDC (Surge)   |
| Temperature Range       | -40/+105°C               |
| Rated Temperature       | 105°C                    |
| Life                    | 10000 Hrs                |
| Dissipation Factor      | 18%                      |
| Resistance              | 0.017 Ohms (100kHz 20C)  |
| Ripple Current          | 2710 mAmps (100kHz 105C) |
| Leakage Current         | 432 uA (2min 20°C)       |
| Impedance Ratio at -40C | 8                        |

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