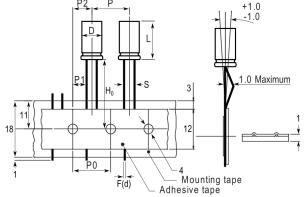


EST108M035AL4EA

EST, Aluminum Electrolytic, 1,000 uF, 20%, 35 VDC, -40/+105°C, Lead Spacing = 5mm

## Straight Leads Diameter > 8 Lead and packaging code EA and KA $\frac{P2}{P}$ +1.0



Note: '()' correspond to the letters used in the product bulletin

Click here for the 3D model.

| Dimensions  |               |
|-------------|---------------|
| D           | 13mm +/-0.5mm |
| L           | 25mm +2mm     |
| S           | 5mm +/-0.5mm  |
| LL Negative | 15mm MIN      |
| LL Positive | 20mm MIN      |
| F           | 0.6mm NOM     |

## **Packaging Specifications**

| Packaging          | Ammo |
|--------------------|------|
| Packaging Quantity | 500  |

| General Information |   |  |
|---------------------|---|--|
| Series              | EST   |  |
| Dielectric          | Aluminum Electrolytic                               |  |
| Description         | LowZ, Long Life, Single Ended Aluminum Electrolytic |  |
| Features            | Low Z, Long Life, Low Impedance                     |  |
| RoHS                | Yes   |  |
| Lead                | Wire Leads  |  |
| AEC-Q200            | No  |  |

| Specifications              |   |
|-----------------------------|---|
| Capacitance                 | 1,000 uF  |
| Capacitance<br>Tolerance    | 20%   |
| Voltage DC                  | 35 VDC, 44 VDC (Surge)                                      |
| Temperature Range           | -40/+105°C  |
| Rated Temperature           | 105°C   |
| Life                        | 10000 Hrs   |
| <b>Dissipation Factor</b>   | 12% 120Hz 20C   |
| Resistance                  | 0.045 Ohms (ESR, 100kHz 25C), 0.045<br>Ohms (Z, 100kHz 20C) |
| Ripple Current              | 2230 mAmps (100kHz 105C)                                    |
| Leakage Current             | 350 uA (2min 20°C)  |
| Impedance Ratio at -<br>25C | 2   |
| Impedance Ratio at -<br>40C | 3   |

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