

ESC, Aluminum Electrolytic, 105C LowZ, 22 uF, 20%, 35 VDC, -40/+105C, Lead Spacing = 2mm



| General Information |   |
|---------------------|---|
| Supplier:           | KEMET                                     |
| Series:             | ESC                                       |
| Dielectric:         | Aluminum Electrolytic                     |
| Description:        | LowESR Single Ended Aluminum Electrolytic |
| Features:           | Low ESR                                   |
| RoHS:               | Yes                                       |
| Lead:               | Wire Leads                                |

| Dimensions  |              |
|-------------|--------------|
| D           | 5mm +/-0.5mm |
| L           | 11mm +1.5mm  |
| S           | 2mm +/-0.5mm |
| LL Negative | 15mm MIN     |
| LL Positive | 20mm MIN     |
| F           | 0.5mm NOM    |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 10000     |

| Specifications           |                         |
|--------------------------|-------------------------|
| Capacitance:             | 22 uF                   |
| Capacitance Tolerance:   | 20%                     |
| Voltage DC:              | 35 VDC, 44 VDC (Surge)  |
| Temperature Range:       | -40/+105C               |
| Rated Temperature:       | 105C                    |
| Life:                    | 2000 Hrs                |
| Dissipation Factor:      | 12.00%                  |
| Resistance:              | 0.6 Ohms (100kHz)       |
| Ripple Current:          | 190 mAmps (100kHz 105C) |
| Leakage Current:         | 8 uA (2min 20C)         |
| Impedance Ratio at -25C: | 3                       |
| Impedance Ratio at -40C: | 4                       |