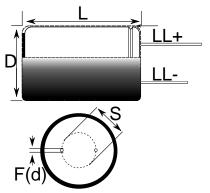
## **KEMET Part Number: ESK476M160AL3AA**



## Aluminum Electrolytic, 85C, ESK, 47 uF, 20%, 160 V, -25/+85C, Lead Spacing = 5mm



| Note: '()' correspond to the letters used in the product bull |
|---|
|---|

| Dimensions  |               |  |
|-------------|---------------|--|
| D           | 13mm +/-0.5mm |  |
| L           | 20mm +2mm     |  |
| 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 |  |  |
|---------------------|--|--|
| Dielectric:         | Aluminum Electrolytic                  |  |
| Series:             | ESK                                    |  |
| Description:        | Single Ended, Aluminum<br>Electrolytic |  |
| RoHS:               | Yes                                    |  |
| Lead:               | Wire Leads                             |  |

| Specifications           |                          |  |
|--------------------------|--------------------------|--|
| Capacitance:             | 47 uF                    |  |
| Capacitance Tolerance:   | 20%                      |  |
| Voltage DC:              | 160 VDC, 200 VDC (Surge) |  |
| Temperature Range:       | -25/+85C                 |  |
| Rated Temperature:       | 85C                      |  |
| Life:                    | 2000 Hrs                 |  |
| Dissipation Factor:      | 15%                      |  |
| Current:                 | 180 mAmps (120Hz 85C)    |  |
| Leakage Current:         | 235.6 uA (2min 20C)      |  |
| Impedance Ratio at -25C: | 7                        |  |

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