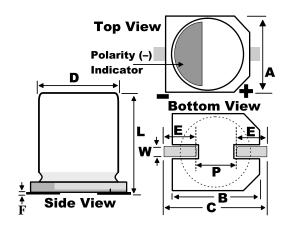
## KEMET Part Number: EDK106M016A9BAA



## EDK, Aluminum Electrolytic, 85C, 10 uF, 20%, 16 VDC, -40/+85C



| Dimensions |                    |
|------------|--------------------|
| D          | 4mm +/-0.5mm       |
| L          | 5.4mm +0.25/-0.1mm |
| W          | 0.65mm +/-0.1mm    |
| F          | 0.3mm MAX          |
| A          | 4.3mm +/-0.2mm     |
| В          | 4.3mm +/-0.2mm     |
| C          | 5.5mm MAX          |
| E          | 1.8mm +/-0.2mm     |
| Р          | 1mm +/-0.2mm       |

| Packaging Specifications |            |  |
|--------------------------|------------|--|
| Packaging:               | T&R, 380mm |  |
| Packaging Quantity:      | 2000       |  |

| General Information |   |  |
|---------------------|---|--|
| Supplier:           | KEMET                                   |  |
| Series:             | EDK                                     |  |
| Dielectric:         | Aluminum Electrolytic                   |  |
| Style:              | SMD Can                                 |  |
| Description:        | Surface Mount, Aluminum<br>Electrolytic |  |
| RoHS:               | Yes                                     |  |
| Lead:               | V-Chip                                  |  |

| Specifications           |  |
|--------------------------|--|
| Capacitance:             | 10 uF  |
| Capacitance Tolerance:   | 20%  |
| Voltage DC:              | 16 VDC, 20 VDC (Surge)                       |
| Temperature Range:       | -40/+85C                                     |
| Rated Temperature:       | 85C  |
| Life:                    | 2000 Hrs                                     |
| Dissipation Factor:      | 16.00%                                       |
| Ripple Current:          | 28 mAmps (120Hz), 38.08<br>mAmps (120Hz 50C) |
| Leakage Current:         | 3 uA (2min 20C)                              |
| Impedance Ratio at -25C: | 2  |
| Impedance Ratio at -40C: | 4  |
| High Temperature Solder: | Yes  |

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