

**KEMET Part Number: MMC10.2684K63A31TR16**  
(F160WP684K063V)

MMC/F160, Film, Metallized Polyester, General Purpose, 0.68 uF, 10%, 40 VAC, 63 VDC, 100°C, 4036, 5.5mm



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 4036            |
| L          | 10.2mm +/-0.2mm |
| W          | 9.1mm +/-0.2mm  |
| T          | 5.5mm +/-0.2mm  |
| F          | 0.5mm NOM       |

| Packaging Specifications |     |
|--------------------------|-----|
| Packaging:               | T&R |
| Packaging Quantity:      | 800 |

| General Information |  |
|---------------------|--|
| Series:             | MMC/F160   |
| Dielectric:         | Metallized Polyester                                 |
| Style:              | SMD Chip   |
| RoHS:               | Yes  |
| Miscellaneous:      | Not For New Design. Use F161WP684K063V (Series F161) |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 0.68 uF                               |
| Capacitance Tolerance: | 10%                                   |
| Voltage AC:            | 40 VAC                                |
| Voltage DC:            | 63 VDC                                |
| Temperature Range:     | -55/+100C                             |
| Rated Temperature:     | 100°C                                 |
| Dissipation Factor:    | 0.80% 1kHz, 1.20% 10kHz, 3.00% 100kHz |
| Insulation Resistance: | 7.3529 GOhms                          |
| Max dV/dt:             | 12 V/us                               |

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