

**KEMET Part Number: MMC10.2683J50A31BULK**  
(F160WP683J050A)

MMC/F160, Film, Metallized Polyester, General Purpose, 0.068 uF, 5%, 30 VAC, 50 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:               | Bulk, Bag |
| Packaging Quantity:      | 1000      |

| General Information |                                     |
|---------------------|-------------------------------------|
| Series:             | MMC/F160                            |
| Dielectric:         | Metallized Polyester                |
| Style:              | SMD Chip                            |
| RoHS:               | Yes                                 |
| AEC-Q200:           | No                                  |
| Miscellaneous:      | Not For New Design. Use Series F161 |
| Shelf Life:         | 104 Weeks                           |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 0.068 uF                              |
| Capacitance Tolerance: | 5%                                    |
| Voltage AC:            | 30 VAC                                |
| Voltage DC:            | 50 VDC                                |
| Temperature Range:     | -55/+100C                             |
| Rated Temperature:     | 100°C                                 |
| Dissipation Factor:    | 0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz |
| Insulation Resistance: | 15 GOhms                              |
| Max dV/dt:             | 40 V/us                               |

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