

**KEMET Part Number: MMC16.5106K50C31TV44**  
(F160ZS106K050Y)

MMC/F160, Film, Metallized Polyester, General Purpose, 10 uF, 10%, 30 VAC, 50 VDC, 100°C, 6560, 7mm



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 6560            |
| L          | 16.5mm +/-0.2mm |
| W          | 15mm +/-0.2mm   |
| T          | 7mm +/-0.2mm    |
| F          | 0.5mm NOM       |

| Packaging Specifications |                           |
|--------------------------|---------------------------|
| Packaging:               | T&R, Vertical Orientation |
| Packaging Quantity:      | 200                       |

| General Information |  |
|---------------------|--|
| Series:             | MMC/F160   |
| Dielectric:         | Metallized Polyester                                 |
| Style:              | SMD Chip   |
| RoHS:               | Yes  |
| Miscellaneous:      | Not For New Design. Use F161ZS106K050Y (Series F161) |

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 10 uF                   |
| Capacitance Tolerance: | 10%                     |
| Voltage AC:            | 30 VAC                  |
| Voltage DC:            | 50 VDC                  |
| Temperature Range:     | -55/+100C               |
| Rated Temperature:     | 100°C                   |
| Dissipation Factor:    | 0.80% 1kHz, 1.50% 10kHz |
| Insulation Resistance: | 500 MOhms               |
| Max dV/dt:             | 5 V/us                  |

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