

**KEMET Part Number: MMC16.5685J50C31TR24**  
(F160ZS685J050V)

MMC/F160, Film, Metallized Polyester, General Purpose, 6.8 uF, 5%, 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 |
| Packaging Quantity:      | 500 |

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

| Specifications         |                       |
|------------------------|-----------------------|
| Capacitance:           | 6.8 uF                |
| Capacitance Tolerance: | 5%                    |
| Voltage AC:            | 30 VAC                |
| Voltage DC:            | 50 VDC                |
| Temperature Range:     | -55/+100C             |
| Rated Temperature:     | 100°C                 |
| Dissipation Factor:    | 0.8% 1kHz, 1.5% 10kHz |
| Insulation Resistance: | 735.3 MOhms           |
| Max dV/dt:             | 5 V/us                |

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