

**KEMET Part Number: MMC5.7823K50J31TR12** Not for New Design  
(F160PL823K050V)

MMC/F160, Film, Metallized Polyester, General Purpose, 0.082 uF, 10%, 30 VAC, 50 VDC, 100°C, 2220, 2.5mm



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

| Dimensions |                |
|------------|----------------|
| Chip Size  | 2220           |
| L          | 5.7mm +/-0.2mm |
| W          | 5mm +/-0.2mm   |
| T          | 2.5mm +/-0.2mm |
| F          | 0.5mm NOM      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | T&R  |
| Packaging Quantity:      | 3100 |

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

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 0.082 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, 1.20% 10kHz, 2.50% 100kHz |
| Insulation Resistance: | 15 GOhms                              |
| Max dV/dt:             | 20 V/us                               |

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