

**KEMET Part Number: MMC7.3823J100K31TR12** Not for New Design  
(F160SG823J100V)



MMC/F160, Film, Metallized Polyester, General Purpose, 0.082 uF, 5%, 63 VAC, 100 VDC, 100°C, 2824, 2.5mm



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

| Dimensions |                |
|------------|----------------|
| Chip Size  | 2824           |
| L          | 7.3mm +/-0.2mm |
| W          | 6mm +/-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: | 5%                                 |
| Voltage AC:            | 63 VAC                             |
| Voltage DC:            | 100 VDC                            |
| Temperature Range:     | -55/+100C                          |
| Rated Temperature:     | 100°C                              |
| Dissipation Factor:    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance: | 15 GOhms                           |
| Max dV/dt:             | 30 V/us                            |

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