

**KEMET Part Number: SMR7.5123H50K01L16.5TR18**  
(F211KG123R050L)

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SMR/F211, Film, Metallized PPS, General Purpose, 0.012 uF, 2.5%, 50 VDC, 125°C, Lead Spacing = 7.5mm



| General Information |   |
|---------------------|---|
| Series:             | SMR/F211  |
| Dielectric:         | Metallized PPS  |
| Style:              | Radial  |
| Features:           | Audio Applications  |
| RoHS:               | Yes   |
| Lead:               | Wire Leads  |
| AEC-Q200:           | No  |
| Miscellaneous:      | The rated voltage decreases 2%/C between +125C and +150C. |
| Notes:              | Case Size = KG.   |

| Dimensions     |                 |
|----------------|-----------------|
| L              | 10mm -0.5mm     |
| H              | 8mm -0.5mm      |
| T              | 4mm -0.5mm      |
| S              | 7.5mm +/-0.4mm  |
| H <sub>0</sub> | 18.5mm +/-0.5mm |
| F              | 0.6mm +/-0.05mm |
| G              | 0.5mm NOM       |

| Specifications         |                                      |
|------------------------|--------------------------------------|
| Capacitance:           | 0.012 uF                             |
| Capacitance Tolerance: | 2.5%                                 |
| Voltage AC:            | 30 VAC                               |
| Voltage DC:            | 50 VDC                               |
| Temperature Range:     | -55/+150°C                           |
| Rated Temperature:     | 125°C                                |
| Dissipation Factor:    | 0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz |
| Insulation Resistance: | 15 GOhms                             |
| Max dV/dt:             | 30 V/us                              |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 360mm |
| Packaging Quantity:      | 1700       |

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