

KEMET Part Number: SMR5102H50J01L16.5TR18
(F211JF102R050L)

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SMR/F211, Film, Metallized PPS, General Purpose, 1000 pF, 2.5%, 50 VDC, 125°C, Lead Spacing = 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 = JF. |

| Dimensions | |
|----------------|-----------------|
| L | 7.2mm -0.5mm |
| H | 6.5mm -0.5mm |
| T | 2.5mm -0.5mm |
| S | 5mm +/-0.4mm |
| H ₀ | 18.5mm +/-0.5mm |
| F | 0.8mm +/-0.05mm |
| G | 0.5mm NOM |

| Specifications | |
|------------------------|--------------------------------------|
| Capacitance: | 1000 pF |
| 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, 0.5% 100kHz |
| Insulation Resistance: | 15 GOhms |
| Max dV/dt: | 40 V/us |

| Packaging Specifications | |
|--------------------------|------------|
| Packaging: | T&R, 360mm |
| Packaging Quantity: | 2500 |

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