

**KEMET Part Number: SMR7.5222K50K01L16.5TA18**  
(F211KG222K050R)



SMR/F211, Film, Metallized PPS, General Purpose, 2200 pF, 10%, 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  |
| H0         | 18.5mm +/-0.5mm |
| F          | 0.6mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Specifications         |                                      |
|------------------------|--------------------------------------|
| Capacitance:           | 2200 pF                              |
| Capacitance Tolerance: | 10%                                  |
| 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:               | Ammo, 330x330x50mm, Box |
| Packaging Quantity:      | 1900                    |

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