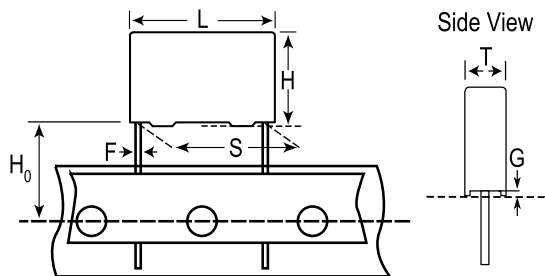


**KEMET Part Number: SMR10105K50A03L16.5TR18**  
(F211AK105K050L)



SMR/F211, Film, Metallized PPS, General Purpose, 1 uF, 10%, 50 VDC, 125°C, Lead Spacing = 10mm



| 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 = AK.   |

| Dimensions |                 |
|------------|-----------------|
| L          | 13mm -0.5mm     |
| H          | 11mm -0.5mm     |
| T          | 5mm -0.5mm      |
| S          | 10mm +/-0.4mm   |
| H0         | 18.5mm +/-0.5mm |
| F          | 0.6mm +/-0.05mm |
| G          | 0.5mm NOM       |

| Specifications         |                         |
|------------------------|-------------------------|
| Capacitance:           | 1 uF                    |
| 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 |
| Insulation Resistance: | 5 GOhms                 |
| Max dV/dt:             | 8 V/us                  |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging:               | T&R, 360mm |
| Packaging Quantity:      | 700        |

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