

## SMR5103J100J01L16.5CBULK

Aliases (F211JF103J100ALG5C)

SMR/F211, Film, Metallized PPS, General Purpose, 0.01 uF, 5%, 100 VDC, 125°C, 5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                                           |
|--------------------------|-----------------------------------------------------------|
| Series                   | SMR/F211                                                  |
| Dielectric               | Metallized PPS                                            |
| Style                    | Radial                                                    |
| Features                 | Audio Applications                                        |
| RoHS                     | Yes                                                       |
| Termination              | Tinned Wire                                               |
| Lead                     | Wire Leads                                                |
| AEC-Q200                 | No                                                        |
| Typical Component Weight | 0.2 g                                                     |
| 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    |
| LL | 16.5mm +0.5mm   |
| F  | 0.5mm +/-0.05mm |
| G  | 0.5mm NOM       |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 2000      |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 0.01 uF                              |
| Tolerance             | 5%                                   |
| Voltage DC            | 100 VDC                              |
| Voltage AC            | 63 VAC                               |
| 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             | 20 V/us                              |

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