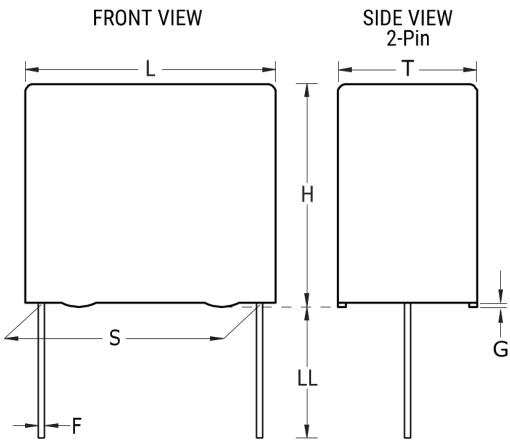


**SMR5102J50J01L16.5CBULK**

Aliases (F211JF102J050ALG5C)

SMR/F211, Film, Metallized PPS, General Purpose, 1000 pF, 5%, 50 VDC, 125°C, 5mm



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

| 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      |

| General Information      |   |
|--------------------------|---|
| Series                   | SMR/F211  |
| Dielectric               | Metallized PPS  |
| Style                    | Radial  |
| Features                 | Audio Applications  |
| RoHS                     | Yes   |
| 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.   |

| Specifications        |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 1000 pF                              |
| Capacitance Tolerance | 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                              |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.