

## SMR5182J100J01L16.5CBULK

Aliases (F211JF182J100ALG5C)

SMR/F211, Film, Metallized PPS, General Purpose, 1800 pF, 5%, 100 VDC, 125°C, Lead Spacing = 5mm



Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm -0.5mm    |
| Н          | 6.5mm -0.5mm    |
| Т          | 2.5mm -0.5mm    |
| S          | 5mm +/-0.4mm    |
| LL         | 16.5mm +0.5mm   |
| F          | 0.8mm +/-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  |
| Component<br>Weight | 0.2 g   |
| Miscellaneous       | The rated voltage decreases 2%/C between +125C and +150C. |
| Notes               | Case Size = JF.   |

| Specifications        |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 1800 pF                              |
| Capacitance Tolerance | 5%                                   |
| Voltage AC            | 63 VAC                               |
| Voltage DC            | 100 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                              |

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