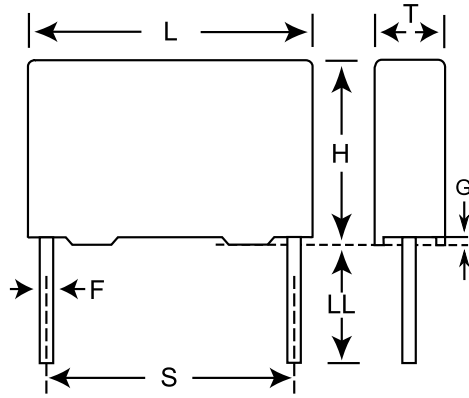


**KEMET Part Number: SMR5103J100J01L16.5CBULK**  
(F211JF103J100ALG5C)

Capacitor, film, Metallized PPS, 0.01 uF, +/-5% Tol, -55/+150C, General Purpose, 100 VDC@125C, Lead Spacing=5 mm



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 7.2       | MAX       |
| H               | 6.5       | MAX       |
| T               | 2.5       | MAX       |
| S               | 5         | +/-0.4    |
| LL              | 16.5      | +/-0.5    |
| G               | 0.5       | NOM       |
| F               | 0.5       | +/-0.05   |

Notes:  
-Case Size = JF

| General Information |                 |
|---------------------|-----------------|
| Supplier:           | KEMET           |
| Dielectric:         | Metallized PPS  |
| Application:        | General Purpose |
| Style:              | Radial Box      |
| Lead Form:          | Wire Leads      |
| RoHS:               | Yes             |

| Specifications               |  |
|------------------------------|--|
| Capacitance:                 | 0.01 uF  |
| Voltage:                     | 100 VDC  |
| Tolerance:                   | +/-5%  |
| Voltage AC:                  | 63 VAC   |
| Rated Temperature:           | 125C   |
| Temperature Range:           | -55/+150C  |
| Dissipation Factor @ 1 kHz:  | 0.15%  |
| Dissipation Factor @ 10 kHz: | 0.25%  |
| Dissipation Factor @ 100kHz: | 0.6%   |
| Insulation Resistance:       | 15 GOhm  |
| Maximum dVdT:                | 20 v/us  |
| Miscellaneous:               | The rated voltage decreases 2%/C between +125C and +150C |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Quantity:        | 2000 |