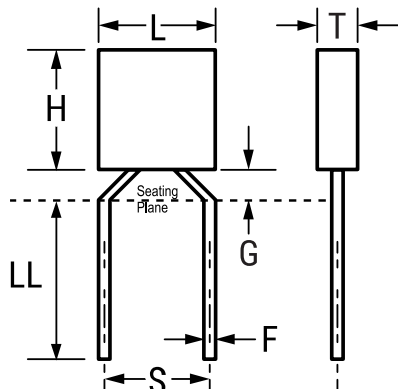


**KEMET Part Number: C052C101K2G5TA**  
(C052C101K2G5TA)

LDD Comm C0G, Ceramic, 100 pF, 10%, 200 VDC, C0G, Lead Spacing = 5.08mm



**Dimensions**

| Dimension | Value                   |
|-----------|-------------------------|
| L         | 4.83mm +/-0.25mm        |
| H         | 4.83mm +/-0.25mm        |
| T         | 2.29mm +/-0.25mm        |
| S         | 5.08mm +/-0.38mm        |
| LL        | 31.75mm MIN             |
| F         | 0.635mm +0.102/-0.051mm |
| G         | 1.143mm MAX             |

**Packaging Specifications**

|                            |           |
|----------------------------|-----------|
| <b>Packaging:</b>          | Bulk, Bag |
| <b>Packaging Quantity:</b> | 100       |

**General Information**

|                      |                           |
|----------------------|---------------------------|
| <b>Supplier:</b>     | KEMET                     |
| <b>Series:</b>       | LDD Comm C0G              |
| <b>Style:</b>        | Radial                    |
| <b>Features:</b>     | Commercial                |
| <b>RoHS:</b>         | With Exemptions           |
| <b>REACH:</b>        | SVHC (Pb – CAS 7439-92-1) |
| <b>Termination:</b>  | Tin                       |
| <b>Failure Rate:</b> | N/A                       |

**Specifications**

|   |                |
|---|----------------|
| <b>Capacitance:</b>                     | 100 pF         |
| <b>Capacitance Tolerance:</b>           | 10%            |
| <b>Voltage DC:</b>                      | 200 VDC        |
| <b>Dielectric Withstanding Voltage:</b> | 500 V          |
| <b>Temperature Range:</b>               | -55/+125C      |
| <b>Temperature Coefficient:</b>         | C0G            |
| <b>Dissipation Factor:</b>              | 0.10% 1MHz 25C |
| <b>Insulation Resistance:</b>           | 10 GOhms       |