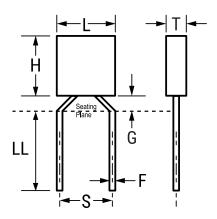
## KEMET Part Number: C052C680J2G5CA

(C052C680J2G5CA)



LDD Comm C0G, Ceramic, 68 pF, 5%, 200 VDC, C0G, Lead Spacing = 5.08mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 4.83mm +/-0.25mm        |
| Н          | 4.83mm +/-0.25mm        |
| Т          | 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 |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 100       |  |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | LDD Comm C0G  |
| Style:              | Radial  |
| Features:           | Commercial  |
| RoHS:               | No  |
| Prop 65:            | WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov. |
| REACH:              | SVHC (Pb – CAS 7439-92-1)                                       |
| Termination:        | Lead (SnPb)   |
| Failure Rate:       | N/A   |

| Specifications                      |                |  |
|-------------------------------------|----------------|--|
| Capacitance:                        | 68 pF          |  |
| Capacitance Tolerance:              | 5%             |  |
| Voltage DC:                         | 200 VDC        |  |
| Dielectric Withstanding<br>Voltage: | 500 V          |  |
| Temperature Range:                  | -55/+125C      |  |
| Temperature Coefficient:            | COG            |  |
| Dissipation Factor:                 | 0.10% 1MHz 25C |  |
| Insulation Resistance:              | 14.706 GOhms   |  |

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.

