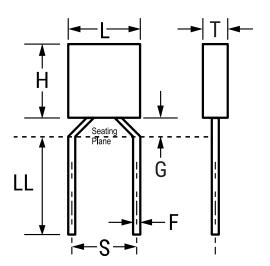




Aliases (C052C820K2G5CA) LDD Comm C0G, Ceramic, 82 pF, 10%, 200 VDC, C0G, 5.08 mm



| 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 |  |
|---------------------|--|
| Series              | LDD Comm COG   |
| Style               | Radial   |
| Features            | Commercial   |
| RoHS                | No   |
| Prop 65             | WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov / |
| SCIP Number         | 8c864fd1-202b-4ce7-85fd-56c<br>9e19121ad                                 |
| Termination         | Lead (SnPb)  |
| Lead                | Formed   |
| Failure Rate        | N/A  |
| AEC-Q200            | No   |

| Specifications                  |                |
|---------------------------------|----------------|
| Capacitance                     | 82 pF          |
| Tolerance                       | 10%            |
| Voltage DC                      | 200 VDC        |
| Dielectric Withstanding Voltage | 500 VDC        |
| Temperature Range               | -55/+125°C     |
| Temp. Coefficient               | COG            |
| Dissipation Factor              | 0.1% 1 MHz 25C |
| Insulation Resistance           | 12.195 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.

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