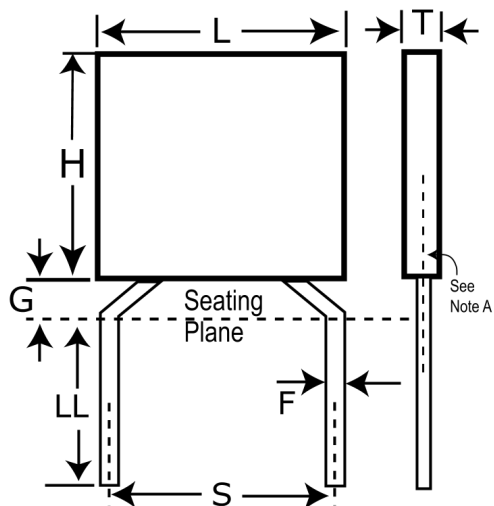


## CCR05CX1R2CR

Aliases (C052G129C2G5CR)

LDD Mil COG PRF20, Ceramic, 1.2 pF, +/-0.25 pF, 200 VDC, COG, R (0.01%/1000 Hrs), 5.08mm



Click [here](#) for the 3D model.

### General Information

|                         |                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Series                  | LDD Mil COG PRF20                                                                                                            |
| Style                   | Radial                                                                                                                       |
| RoHS                    | No                                                                                                                           |
| Prop 65                 | <b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> . |
| SCIP Number             | 8c864fd1-202b-4ce7-85fd-56c9e19121ad                                                                                         |
| Termination             | Lead (SnPb)                                                                                                                  |
| Failure Rate            | R (0.01%/1000 Hrs)                                                                                                           |
| Testing and Reliability | MIL-PRF-20                                                                                                                   |
| Qualifications          | MIL-PRF-20                                                                                                                   |
| AEC-Q200                | No                                                                                                                           |
| Notes                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk.    |

### Specifications

|                                 |            |
|---------------------------------|------------|
| Capacitance                     | 1.2 pF     |
| Capacitance Tolerance           | +/-0.25 pF |
| Voltage DC                      | 200 VDC    |
| Dielectric Withstanding Voltage | 500 VDC    |
| Temperature Range               | -55/+125°C |
| Temperature Coefficient         | COG        |
| Dissipation Factor              | 0.15%      |
| Insulation Resistance           | 100 GOhms  |

### Dimensions

|    |                        |
|----|------------------------|
| 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  | 0.64mm +0.102/-0.051mm |
| G  | 1.14mm MAX             |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 100       |