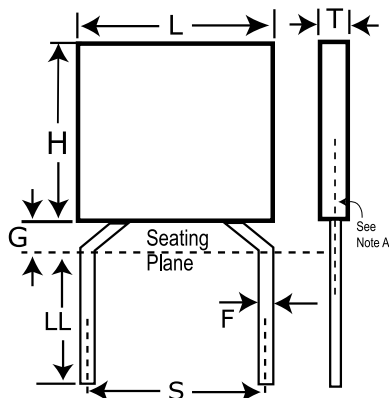


**KEMET Part Number: C052G300G2G5CR**  
(CCR05CG300GR)

LDD Mil C0G PRF20, Ceramic, Military/High Reliability, 30 pF, 2%, 200 VDC, C0G, R (0.01%/1000 Hrs), Lead Spacing = 5.08mm



**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       |

**General Information**

|                          |                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Supplier:                | KEMET                                                                                                                    |
| Series:                  | LDD Mil C0G PRF20                                                                                                        |
| Style:                   | Radial                                                                                                                   |
| RoHS:                    | No                                                                                                                       |
| Prop 65:                 | <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .      |
| REACH:                   | SVHC (Pb - CAS 7439-92-1)                                                                                                |
| Termination:             | Lead (SnPb)                                                                                                              |
| Failure Rate:            | R (0.01%/1000 Hrs)                                                                                                       |
| Testing and Reliability: | MIL-PRF-20                                                                                                               |
| Qualifications:          | MIL-PRF-20                                                                                                               |
| Notes:                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk |

**Specifications**

|                                  |           |
|----------------------------------|-----------|
| Capacitance:                     | 30 pF     |
| Capacitance Tolerance:           | 2%        |
| Voltage DC:                      | 200 VDC   |
| Dielectric Withstanding Voltage: | 500 V     |
| Temperature Range:               | -55/+125C |
| Temperature Coefficient:         | C0G       |
| Dissipation Factor:              | 0.15%     |
| Insulation Resistance:           | 100 GOhms |