

## CC05CG821J-TR

Aliases (C052G821J1G5CA7303)

LDD Mil COG PRF20, Ceramic, 820 pF, 5%, 100 VDC, COG, N/A, Lead Spacing = 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            | N/A  |
| Testing and Reliability | MIL-PRF-20, Non-ER   |
| Qualifications          | MIL-PRF-20, Non-ER   |
| AEC-Q200                | No   |
| Notes                   | Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk.    |

| 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             |

| Specifications                  |            |
|---------------------------------|------------|
| Capacitance                     | 820 pF     |
| Capacitance Tolerance           | 5%         |
| Voltage DC                      | 100 VDC    |
| Dielectric Withstanding Voltage | 250 VDC    |
| Temperature Range               | -55/+125°C |
| Temperature Coefficient         | COG        |
| Dissipation Factor              | 0.15%      |
| Insulation Resistance           | 100 GOhms  |

| Packaging Specifications |                                |
|--------------------------|--------------------------------|
| Packaging                | T&R, 305mm, Type II, HO = 18mm |
| Packaging Quantity       | 2000                           |

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