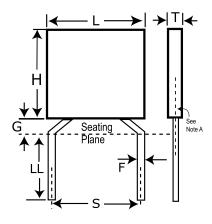
KEMET Part Number: C052G309D2G5CM

(CCR05CK3R0DM)



LDD Mil COG PRF20, Ceramic, Military/High Reliability, 3 pF, +/-0.5 pF, 200 VDC, COG, M (1%/1000 Hrs), 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 | 0.64mm +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: | warning: Cancer and reproductive harm - www.p65warnings.ca.gov. | |
| REACH: | SVHC (Pb – CAS 7439-92-1) | |
| Termination: | Lead (SnPb) | |
| Failure Rate: | M (1%/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: | 3 pF | |
| Capacitance Tolerance: | +/-0.5 pF | |
| Voltage DC: | 200 VDC | |
| Dielectric Withstanding Voltage: | 500 V | |
| Temperature Range: | -55/+125C | |
| Temperature Coefficient: | COG | |
| Dissipation Factor: | 0.15% | |
| Insulation Resistance: | 100 GOhms | |

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