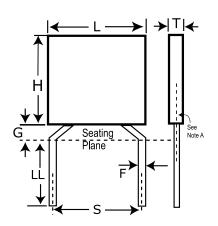
KEMET Part Number: C052G189B2G5CR

(CCR05CX1R8BR)



LDD Mil C0G PRF20, Ceramic, Military/High Reliability, 1.8 pF, +/-0.1 pF, 200 VDC, C0G, R (0.01%/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 COG 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: | 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: | 1.8 pF | |
| Capacitance Tolerance: | +/-0.1 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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