

KEMET Part Number: C052G182F1G5CS
(CCR05CG182FS)

LDD Mil COG PRF20, Ceramic, Military/High Reliability, 1800 pF, 1%, 100 VDC, COG, S (0.001%/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 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: | S (0.001%/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: | 1800 pF |
| Capacitance Tolerance: | 1% |
| Voltage DC: | 100 VDC |
| Dielectric Withstanding Voltage: | 250 V |
| Temperature Range: | -55/+125C |
| Temperature Coefficient: | COG |
| Dissipation Factor: | 0.15% |
| Insulation Resistance: | 100 GOhms |