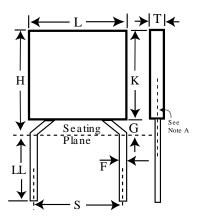
## **KEMET Part Number: C052G511F1G5CA**

(CC05CG511F)



Ceramic, Military/High Reliability, KEMET, MIL-20(non-ER), 510 pF, 1%, 100 V, C0G, N/A, Lead Spacing = 5.08mm



| Dimensions |                         |
|------------|-------------------------|
| L          | 4.826mm +/-0.254mm      |
| Н          | 5.969mm +/-0.254mm      |
| Т          | 2.286mm +/-0.254mm      |
| S          | 5.08mm +/-0.381mm       |
| LL         | 31.75mm MIN             |
| F          | 0.635mm +0.102/-0.051mm |
| G          | 1.143mm MAX             |
| K          | 4.826mm +/-0.254mm      |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 100       |  |

| General Information      |   |
|--------------------------|---|
| Style:                   | Radial  |
| Supplier:                | KEMET   |
| Series:                  | MIL-20(non-ER)  |
| RoHS:                    | No  |
| Termination:             | Lead (SnPb)   |
| Failure Rate:            | N/A   |
| Testing and Reliability: | MIL-PRF-20, Non-ER  |
| Notes:                   | Lead Length Shown Is For Parts<br>Supplied In Bulk, See Packaging<br>Specifications For Lead Lengths<br>When Not Provided In Bulk |

| Specifications           |           |  |
|--------------------------|-----------|--|
| Capacitance:             | 510 pF    |  |
| Capacitance Tolerance:   | 1%        |  |
| Voltage DC:              | 100 VDC   |  |
| Temperature Range:       | -55/+125C |  |
| Temperature Coefficient: | COG       |  |
| Dissipation Factor:      | 0.15%     |  |
| Insulation Resistance:   | 100 GOhms |  |
| Dielectric Strength:     | 250 V     |  |

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