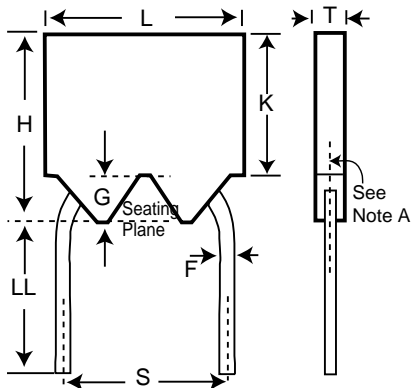


**KEMET Part Number: C056G271F2G5CR**  
(CCR05CG271FRV)

Capacitor, Ceramic, 270 pF, +/-1% Tol, 200 V, COG, Lead Spacing=0.2"



| Dimensions (mm) |           |               |
|-----------------|-----------|---------------|
| Symbol          | Dimension | Tolerance     |
| L               | 4.826     | +/-0.254      |
| H               | 5.486     | +/-0.254      |
| T               | 2.286     | +/-0.254      |
| S               | 5.08      | +/-0.381      |
| LL              | 31.75     | MIN           |
| F               | 0.635     | +0.102/-0.051 |
| K               | 4.826     | +/-0.254      |
| G               | 0.66      | MIN           |

Notes:  
-Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk

| General Information      |                 |
|--------------------------|-----------------|
| Supplier:                | KEMET           |
| Application:             | MIL-PRF-20      |
| Temperature Coefficient: | COG             |
| Body Type:               | Radial Molded   |
| Lead Type:               | HockeyStick     |
| Termination Type:        | Tin-Lead (SnPb) |
| RoHS:                    | No              |

| Specifications         |                    |
|------------------------|--------------------|
| Capacitance:           | 270 pF             |
| Voltage:               | 200 V              |
| Tolerance:             | +/-1%              |
| Temperature Range:     | -55/+125C          |
| Failure Rate:          | R (0.01%/1000 Hrs) |
| Testing:               | MIL-PRF-20         |
| Dissipation Factor:    | 0.15%              |
| Insulation Resistance: | 100 GOhm           |
| Dielectric Strength:   | 500 V              |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Type:            | Bag  |
| Package Quantity:        | 100  |