

**KEMET Part Number: C052G221J2G5CR**  
(CCR05CG221JR)

LDD Mil C0G PRF20, Ceramic, Military/High Reliability, 220 pF, 5%, 200 VDC, C0G, R (0.01%/1000 Hrs), Lead Spacing = 5.08mm



**Dimensions**

<b>L</b>	4.83mm +/-0.25mm
<b>H</b>	4.83mm +/-0.25mm
<b>T</b>	2.29mm +/-0.25mm
<b>S</b>	5.08mm +/-0.38mm
<b>LL</b>	31.75mm MIN
<b>F</b>	0.64mm +0.102/-0.051mm
<b>G</b>	1.14mm MAX

**Packaging Specifications**

<b>Packaging:</b>	Bulk, Bag
<b>Packaging Quantity:</b>	100

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	LDD Mil C0G PRF20
<b>Style:</b>	Radial
<b>RoHS:</b>	No
<b>Prop 65:</b>	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
<b>REACH:</b>	SVHC (Pb - CAS 7439-92-1)
<b>Termination:</b>	Lead (SnPb)
<b>Failure Rate:</b>	R (0.01%/1000 Hrs)
<b>Testing and Reliability:</b>	MIL-PRF-20
<b>Qualifications:</b>	MIL-PRF-20
<b>Notes:</b>	Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk

**Specifications**

<b>Capacitance:</b>	220 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	200 VDC
<b>Dielectric Withstanding Voltage:</b>	500 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	C0G
<b>Dissipation Factor:</b>	0.15%
<b>Insulation Resistance:</b>	100 GOhms