

**KEMET Part Number: C052G221J2G5CP**  
(CCR05CG221JP)

LDD Mil C0G PRF20, Ceramic, Military/High Reliability, 220 pF, 5%, 200 VDC, C0G, P (0.1%/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 C0G PRF20
Style:	Radial
RoHS:	No
Prop 65:	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
REACH:	SVHC (Pb - CAS 7439-92-1)
Termination:	Lead (SnPb)
Failure Rate:	P (0.1%/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:	220 pF
Capacitance Tolerance:	5%
Voltage DC:	200 VDC
Dielectric Withstanding Voltage:	500 V
Temperature Range:	-55/+125C
Temperature Coefficient:	C0G
Dissipation Factor:	0.15%
Insulation Resistance:	100 GOhms