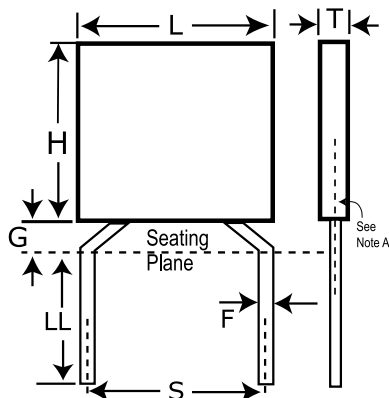


**KEMET Part Number: CCR05CG102FR**  
(C052G102F1G5CR)



LDD Mil C0G PRF20, Ceramic, 1000 pF, 1%, 100 VDC, C0G, R (0.01%/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**

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:	R (0.01%/1000 Hrs)
Testing and Reliability:	MIL-PRF-20
Qualifications:	MIL-PRF-20
AEC-Q200:	No
Notes:	Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk

**Specifications**

Capacitance:	1000 pF
Capacitance Tolerance:	1%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Dissipation Factor:	0.15%
Insulation Resistance:	100 GOhms

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