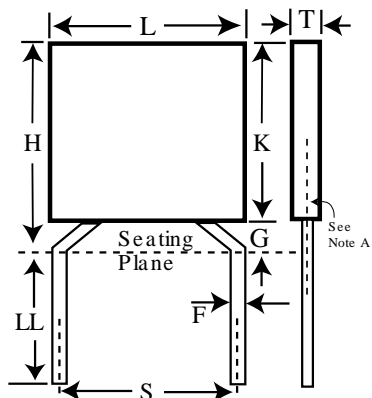


**KEMET Part Number: C052G189C2G5CA**  
(CC05CX1R8C, C052G1R8C2G5CA)



Ceramic, Military/High Reliability, KEMET, MIL-20(non-ER), 1.8 pF, +/-0.25 pF, 200 V, COG, N/A, Lead Spacing = 5.08mm



#### General Information

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

#### Dimensions

<b>L</b>	4.826mm +/-0.254mm
<b>H</b>	5.969mm +/-0.254mm
<b>T</b>	2.286mm +/-0.254mm
<b>S</b>	5.08mm +/-0.381mm
<b>LL</b>	31.75mm MIN
<b>F</b>	0.635mm +0.102/-0.051mm
<b>G</b>	1.143mm MAX
<b>K</b>	4.826mm +/-0.254mm

#### Specifications

<b>Capacitance:</b>	1.8 pF
<b>Capacitance Tolerance:</b>	+/-0.25 pF
<b>Voltage DC:</b>	200 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	COG
<b>Dissipation Factor:</b>	0.15%
<b>Insulation Resistance:</b>	100 GOhms
<b>Dielectric Strength:</b>	500 V

#### Packaging Specifications

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

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