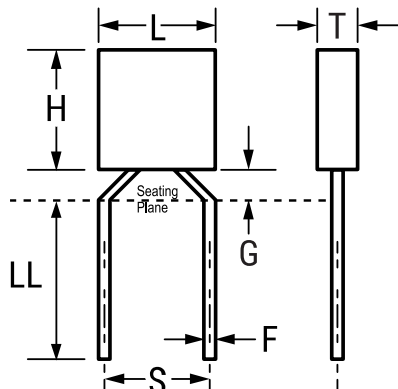


**KEMET Part Number: C052C102K2R5TA**  
(C052C102K2R5TA)

LDD Comm X7R, Ceramic, 1000 pF, 10%, 200 VDC, X7R, Lead Spacing = 5.08mm



**Dimensions**

Dimension	Value
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	0.635mm +0.102/-0.051mm
G	1.143mm MAX
K	4.826mm +/-0.254mm

**Packaging Specifications**

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

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	LDD Comm X7R
<b>Style:</b>	Radial
<b>Features:</b>	Commercial
<b>RoHS:</b>	With Exemptions
<b>REACH:</b>	SVHC (Pb – CAS 7439-92-1)
<b>Termination:</b>	Tin
<b>Failure Rate:</b>	N/A

**Specifications**

<b>Capacitance:</b>	1000 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	200 VDC
<b>Dielectric Withstanding Voltage:</b>	500 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.50% 1kHz 25C
<b>Insulation Resistance:</b>	1 GOhms