

**KEMET Part Number: CK05BX101K**  
(C052K101K2X5CA)

LDD Mil X7R C11015, Ceramic, 100 pF, 10%, 200 VDC, BX, N/A, 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	0.635mm +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>Series:</b>	LDD Mil X7R C11015
<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>	N/A
<b>Testing and Reliability:</b>	MIL-PRF-11015
<b>Qualifications:</b>	MIL-PRF-11015
<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>	100 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	200 VDC
<b>Dielectric Withstanding Voltage:</b>	500 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	BX
<b>Dissipation Factor:</b>	2.5%
<b>Insulation Resistance:</b>	100 GOhms