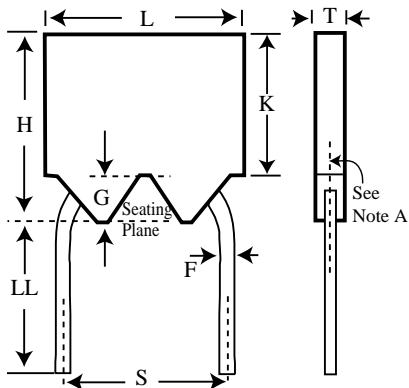


**KEMET Part Number: CKR05BX101KRV**  
(C056T101K2X5CR, M39014/01-1299V)

LDD Mil X7R PRF39014, Ceramic, Military/High Reliability, 100 pF, 10%, 200 VDC, BX, R (0.01%/1000 Hrs), Lead Spacing = 5.08mm



**Dimensions**

<b>L</b>	4.826mm +/-0.254mm
<b>H</b>	5.486mm +/-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>	0.66mm MIN
<b>K</b>	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 Mil X7R PRF39014
<b>Style:</b>	Radial
<b>RoHS:</b>	No
<b>Termination:</b>	Lead (SnPb)
<b>Failure Rate:</b>	R (0.01%/1000 Hrs)
<b>Testing and Reliability:</b>	MIL-PRF-39014
<b>Qualifications:</b>	MIL-PRF-39014
<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 V
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	BX
<b>Dissipation Factor:</b>	2.5%
<b>Insulation Resistance:</b>	100 GOhms