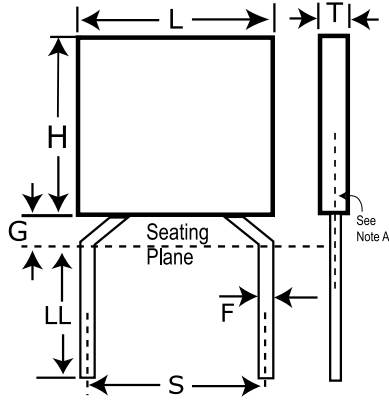


**KEMET Part Number: CK05BX823K**  
(C052K823K5X5CA)

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a YAGEO company

LDD Mil X7R C11015, Ceramic, 0.082 uF, 10%, 50 VDC, BX, N/A, 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>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>SCIP Number:</b>	8c864fd1-202b-4ce7-85fd-56c9e19121ad
<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>AEC-Q200:</b>	No
<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>	0.082 uF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	50 VDC
<b>Dielectric Withstanding Voltage:</b>	125 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	BX
<b>Dissipation Factor:</b>	2.5%
<b>Insulation Resistance:</b>	12.2 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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