

**KEMET Part Number: CK05BX682K**  
(C052K682K1X5CA)

LDD Mil X7R C11015, Ceramic, Military/High Reliability, 6800 pF, 10%, 100 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

Packaging:	Bulk, Bag
Packaging Quantity:	100

#### General Information

Supplier:	KEMET
Series:	LDD Mil X7R C11015
Style:	Radial
RoHS:	No
Prop 65:	<b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
REACH:	SVHC (Pb - CAS 7439-92-1)
Termination:	Lead (SnPb)
Failure Rate:	N/A
Testing and Reliability:	MIL-PRF-11015
Qualifications:	MIL-PRF-11015
Notes:	Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk

#### Specifications

Capacitance:	6800 pF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	BX
Dissipation Factor:	2.5%
Insulation Resistance:	100 GOhms