

**KEMET Part Number: M39014/01-1304V**  
(C056T181K2X5CR, CKR05BX181KRV)

LDD Mil X7R PRF39014, Ceramic, Military/High Reliability, 180 pF, 10%, 200 VDC, BX, R (0.01%/1000 Hrs), Lead Spacing = 5.08mm



**Dimensions**

L	4.826mm +/-0.254mm
H	5.486mm +/-0.254mm
T	2.286mm +/-0.254mm
S	5.08mm +/-0.381mm
LL	31.75mm MIN
F	0.635mm +0.102/-0.051mm
G	0.66mm MIN
K	4.826mm +/-0.254mm

**Packaging Specifications**

Packaging:	Bulk, Bag
Packaging Quantity:	100

**General Information**

Supplier:	KEMET
Series:	LDD Mil X7R PRF39014
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:	R (0.01%/1000 Hrs)
Testing and Reliability:	MIL-PRF-39014
Qualifications:	MIL-PRF-39014
Notes:	Lead Length Shown Is For Parts Supplied In Bulk, See Packaging Specifications For Lead Lengths When Not Provided In Bulk

**Specifications**

Capacitance:	180 pF
Capacitance Tolerance:	10%
Voltage DC:	200 VDC
Dielectric Withstanding Voltage:	500 V
Temperature Range:	-55/+125C
Temperature Coefficient:	BX
Dissipation Factor:	2.50%
Insulation Resistance:	100 GOhms

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