


**KEMET Part Number: CDR31BX103AKSR-T&R**  
(C0805N103K5XRH7189)

SMD Mil PRF55681, Ceramic, Military/High Reliability, 0.01 uF, 10%, 50 VDC, BX, R (0.01%/1000 Hrs), 0805



Dimensions	
L	2mm +0.8/-0.2mm (0.079 in +0.031/-0.008 in)
W	1.25mm +0.5/-0.2mm (0.049 in +0.02/-0.008 in)
T	1.3mm +0.3mm (0.051 in +0.012 in)
B	0.5mm +0.5/-0.2mm (0.02 in +0.02/-0.008 in)

Packaging Specifications	
Packaging:	T&R, 178mm, Plastic Tape
Packaging Quantity:	2500

General Information	
Supplier:	KEMET
Series:	SMD Mil PRF55681
Style:	SMD Chip
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-55681
Qualifications:	MIL-PRF-55681
Miscellaneous:	Termination Description: SolderCoat 60-40
Chip Size:	0805

Specifications	
Capacitance:	0.01 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	BX