

**KEMET Part Number: CDR31BX102BKSR-T&R**  
(C0805N102K1XRH7189)



SMD Mil PRF55681, Ceramic, 1000 pF, 10%, 100 VDC, BX, R (0.01%/1000 Hrs), 0805



Dimensions	
Chip Size	0805
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	
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> .
SCIP Number:	6d5c4aea-4874-4964-b195-433620b8c028
Termination:	Lead (SnPb)
Failure Rate:	R (0.01%/1000 Hrs)
Testing and Reliability:	MIL-PRF-55681
Qualifications:	MIL-PRF-55681
AEC-Q200:	No
Miscellaneous:	Termination Description: SolderCoat 60-40.
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	1000 pF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	BX

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