

## CDR31BX102BKSM

Aliases (C0805N102K1XMH, C0805N102K1XMH-MilitaryBulk)

SMD Mil PRF55681, Ceramic, 1000 pF, 10%, 100 VDC, BX, M (1%/1000 Hrs), 0805



Click [here](#) for the 3D model.

### 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	Bulk, Bag
Packaging Quantity	1

### 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">http://www.p65warnings.ca.gov</a> .
Termination	Lead (SnPb)
Failure Rate	M (1%/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