

**KEMET Part Number: CDR31BP240BKZS-T&R**  
(C0805N240K1GSL7189)

SMD Mil PRF55681, Ceramic, Military/High Reliability, 24 pF, 10%, 100 VDC, BP, S (0.001%/1000 Hrs), 0805




**Dimensions**

<b>L</b>	2mm +/-0.2mm (0.079 in +/-0.008 in)
<b>W</b>	1.25mm +/-0.2mm (0.049 in +/-0.008 in)
<b>T</b>	1.3mm (0.051 in)
<b>B</b>	0.5mm +/-0.2mm (0.02 in +/-0.008 in)

**Packaging Specifications**

<b>Packaging:</b>	T&R, 178mm, Plastic Tape
<b>Packaging Quantity:</b>	2500

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	SMD Mil PRF55681
<b>Style:</b>	SMD Chip
<b>RoHS:</b>	No
<b>Prop 65:</b>	 <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
<b>REACH:</b>	SVHC (Pb - CAS 7439-92-1)
<b>Termination:</b>	Lead (SnPb)
<b>Failure Rate:</b>	S (0.001%/1000 Hrs)
<b>Testing and Reliability:</b>	MIL-PRF-55681
<b>Qualifications:</b>	MIL-PRF-55681
<b>Miscellaneous:</b>	Termination Description: SolderPlate 70-30
<b>Chip Size:</b>	0805

**Specifications**

<b>Capacitance:</b>	24 pF
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	100 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	BP