

CBR-SMD RF COG, Ceramic, 47 pF, 5%, 250 VDC, C0G, SMD, Fixed, RF, Ultra High Q, Low ESR, Class I, 0805



**Dimensions**

<b>L</b>	2mm +/-0.2mm
<b>W</b>	1.25mm +/-0.2mm
<b>T</b>	0.85mm +/-0.1mm
<b>B</b>	0.5mm +/-0.2mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Plastic Tape
<b>Packaging Quantity:</b>	4000

**General Information**

<b>Supplier:</b>	KEMET
<b>Series:</b>	CBR-SMD RF COG
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, Fixed, RF, Ultra High Q, Low ESR, Class I
<b>Features:</b>	Ultra High Q, Low ESR, Class I
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>Miscellaneous:</b>	Minimum Q = 1400
<b>Notes:</b>	Solder Wave or Solder Reflow
<b>Chip Size:</b>	0805

**Specifications**

<b>Capacitance:</b>	47 pF
<b>Capacitance Tolerance:</b>	5%
<b>Voltage DC:</b>	250 VDC
<b>Dielectric Withstanding Voltage:</b>	500 VDC
<b>Temperature Range:</b>	-55/+125C
<b>Temperature Coefficient:</b>	C0G
<b>Dissipation Factor:</b>	0.10%
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	10 GOhms
<b>Quality Factor:</b>	1400

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