

**KEMET Part Number: CAN08C242FAGACTU**  
(CAN08C242FAGAC7800)

CAN SMD Indust 250, Ceramic, 2400 pF, 1%, COG, SMD Chip, MLCC, AC Rated, 0805



**General Information**

<b>Series:</b>	CAN SMD Indust 250
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD Chip, MLCC, AC Rated
<b>Features:</b>	Temperature Stable, Class I
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Marking:</b>	No
<b>AEC-Q200:</b>	No
<b>MSL:</b>	1

**Dimensions**

<b>Chip Size</b>	0805
<b>L</b>	2mm +/-0.2mm
<b>W</b>	1.25mm +/-0.2mm
<b>T</b>	1.25mm +/-0.15mm
<b>S</b>	0.75mm MIN
<b>B</b>	0.5mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm, Paper Tape
<b>Packaging Quantity:</b>	2500

**Specifications**

<b>Capacitance:</b>	2400 pF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	1%
<b>Voltage AC:</b>	250 VAC
<b>Dielectric Withstanding Voltage:</b>	945 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	COG
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	15%, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	0.1% 1 kHz 1.0Vrms
<b>Aging Rate:</b>	0% Loss/Decade Hour
<b>Insulation Resistance:</b>	10 GOhms