

KONNEKT KC-LINK Auto COG, Ceramic, 0.44 uF, 10%, 500 VDC, COG, 2-Chip Standard Orientation.



**Dimensions**

<b>L</b>	9.3mm +/-0.6mm
<b>W</b>	10.2mm +/-0.4mm
<b>T</b>	5.1mm +/-0.4mm
<b>B</b>	1.27mm +/-0.4mm

**Packaging Specifications**

<b>Packaging:</b>	T&R, 180mm
<b>Packaging Quantity:</b>	125

**General Information**

<b>Series:</b>	KONNEKT KC-LINK Auto COG
<b>Style:</b>	KONNEKT
<b>Description:</b>	KC-LINK with KONNEKT, SMD, MLCC, Ultra-Stable, Class I
<b>Features:</b>	Ultra-Stable
<b>RoHS:</b>	Yes
<b>Termination:</b>	Tin
<b>Qualifications:</b>	AEC-Q200
<b>AEC-Q200:</b>	Yes
<b>Component Weight:</b>	2.2 g
<b>Notes:</b>	2-Chip Standard Orientation.
<b>Chip Size:</b>	3640
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	0.44 uF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	10%
<b>Voltage DC:</b>	500 VDC
<b>Dielectric Withstanding Voltage:</b>	750 VDC
<b>Temperature Range:</b>	-55/+150°C
<b>Temperature Coefficient:</b>	COG
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	30 ppm/C, 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>	2.273 GOhms

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