



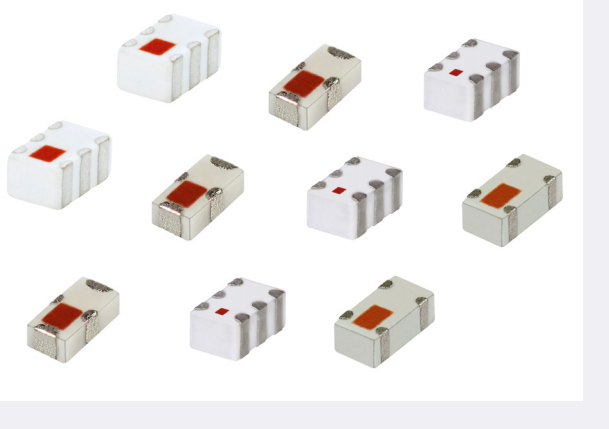
# DESIGNER'S KIT K2-LTCC-WBZ+

# Couplers / Baluns



Mini-Circuits

50Ω 2.4 to 2.5 GHz 4.9 to 5.9 GHz



## FEATURES

- Perfectly suited for WiFi, Bluetooth & Zigbee applications
- Incredibly small sizes down to 0402
- Rugged LTCC construction
- Excellent Power Handling
- Low cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## K2-LTCC-WBZ+ ELECTRICAL SPECIFICATIONS

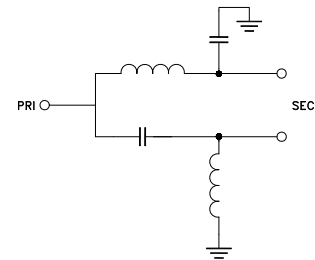
(21 models, 5 of each, 105 Total)

Model	Frequency Low (MHz)	Frequency High (MHz)	Impedance (Ω)	Impedance Ratio	Case Style	Configuration	
BALUNS	BLNK1-252R+	2400	2500	50	1	NK0402C-1	S
	BLJC1-252R+	2400	2500	50	1	JC0603C	R
	BLGE1-252R+	2400	2500	50	1	NK0402C-1	J
	BLNK2-252R+	2400	2500	50	2	NK0402C	S
	BLJC2-252R+	2400	2500	50	2	JC0603C	J
	BLGE2-252R+	2400	2500	50	2	GE0805C-9	J
	BLJC4-252R+	2400	2500	50	4	JC0603C	J
	BLGE4-252R+	2400	2500	50	4	GE0805C-9	J
	BLNK1-542R+	4900	5950	50	1	NK0402C	G
	BLJC1-542R+	4900	5950	50	1	JC0603C	J
	BLGE1-542R+	4900	5875	50	1	GE0805C-9	R
	BLNK2-542R+	4900	5950	50	2	NK0402C	G
	BLJC2-542R+	4900	5875	50	2	JC0603C	R
	BLGE2-542R+	4900	5875	50	2	GE0805C-9	R
	BLJC4-542R+	4900	5875	50	4	JC0603C	J
	BLGE4-542R+	4900	5875	50	4	GE0805C-9	J

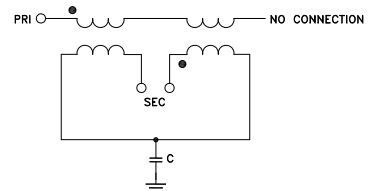
Model	Frequency Low (MHz)	Frequency High (MHz)	Coupling Nom. (dB)	Mainline Loss (dB) Typ.	Directivity (dB) Typ.	VSWR (:1) Typ.	Power Input Max. (W)	Case Style	
COUPLERS	CPJC-6-252R+	2400	2500	6.5	1.27	18	1.2	2	JC0603C
	CPJC-10-252R+	2400	2500	10	0.65	19	1.33	2	JC0603C
	CPJC-17-252R+	2400	2500	17.65	0.14	12	1.06	2	JC0603C
	CPJC-21-252R+	2400	2500	21	0.3	19	1.1	2	JC0603C
	CPJC-28-252R+	2400	2500	28	0.3	10	1.05	2	JC0603C

## CONFIGURATIONS

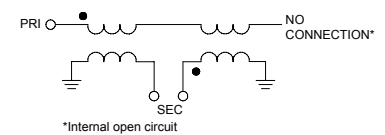
S



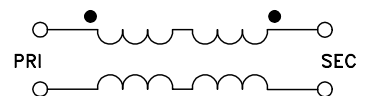
R



J



G



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