

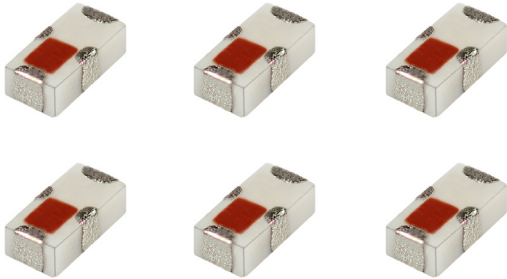


DESIGNER'S KIT K1-LTCC-WBZ+

Filters / Diplexers / Baluns



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 0202
- LTCC robust construction
- Excellent Power Handling, up to 2 Watts
- Low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K1-LTCC-WBZ+ ELECTRICAL SPECIFICATIONS

(20 models, 5 of each, 100 Total)

	Model	Passband		Stopband 1		Additional Stopbands		Case Style
		(MHz)	Ins. Loss Typ. (dB)	(MHz)	Rejection Typ. (dB)	(MHz)	Rejection Typ. (dB)	
Low Pass Filters	LPNK-252R+	2400-2500	0.5	4800-5000	42	7200-7500	40	NK0402C-1
	LPJC-252R+	2400-2500	0.5	4800-5000	52	7200-7500	34	JC0603C
	LPGE-252R+	2400-2500	0.3	4800-5000	44	7200-7500 9600-10000	40 37	GE0805C-2
	LPJC-592R+	4900-5950	0.4	8800-12600	49			JC0603C-1
	LPGE-592R+	4900-5900	0.7	9800-11800	42	14700-17700	54	GE0805C-4
High Pass Filters	HPJC-252R+	2400-2500	1.0	500-1917	35	1917	25	JC0603C-4
	HPSC-492R+	4900-5850	0.4	500-2400	25	2400-2500	34	SC0202C
	HPJC-492R+	4900-5850	0.5	500-2400	25	2400-2500	36	JC0603C-7
Band Pass Filters	BPNK-252R+	2400-2500	3.3	695-800 1910	40 25	3200 4800-5000 7200-7500	36 23 22	NK0402C-1
	BPJC-252R+	2400-2500	2.3	695-800 1910	46 26	3200 4800-5000 7200-7500	38 29 43	JC0603C-1
	BPGE-252R+	2400-2500	1.3	1200-1300 2000	42 14	3000 3600-3800 4800-5000	18 43 37	GE0805C-3
	BPNK-542R+	4900-5950	1.3	2400-2500	23	9800-11900 14700-17850	32 38	NK0402C-1
	BPJC-542R+	4900-5900	1.0	DC-2700	40	9800-12000	34	JC0603C-1
	BPGE-542R+	4900-5920	0.9	3500	49	9800-11840 14700-17760	32 30	GE0805C-3
Balanced Filters	BFGE1-252R+	2400-2500	1.9	DC-1000 1000-2000	44 39	4800-5000 7200-7500	49 34	GE0805C-2
	BFGE2-552R+	4800-5875	1.3	3500	49			GE0805C-2
	BFNL2-252R+	2400-2500	1.7	880-960 1710-1910	59 38	4800-5000 7200-7500	42 32	NL1008C-2
Diplexers	DPNK-252-492R+	2400-2500 5150-5850	0.4 1.2	700-2025 2400-2690 3500-3700 7250-7800 10300-11700	30 40 15 24 30	4800-6000 7200-7500	26 22	NK0402C
	DPJC-252-492R+	2400-2500 4900-5950	0.7 0.7	800-2500 9800-11900	34 37	4800-6000 7200-7500	28 28	JC0603C-3
	DPGE-252-492R+	2400-2500 4900-5950	0.4 0.5	800-2500 9800-11900	25 19	4800-6000 7200-7500	36 33	GE0805C-10



Mouser Electronics

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