



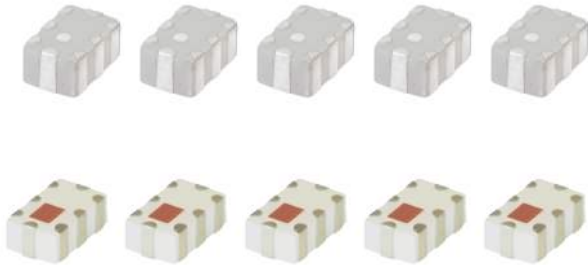
# DESIGNER'S KIT K3-LFCG+

# Low Pass Filters



Mini-Circuits

50Ω DC to 6100 MHz



## FEATURES

- Perfectly suited for WiFi, Bluetooth, Zigbee Applications
- Small size, 0805
- Rugged LTCC construction
- Excellent Power Handling, 1 to 4.5 Watts
- Good Rejection, 30-50 dB typ.
- Low Cost

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



## K3-LFCG+ ELECTRICAL SPECIFICATIONS

(10 models, 5 of each, 50 Total)

Model <sup>1</sup>	Passband		Stopband 1		Additional Stopbands		Case Style
	(MHz)	Ins. Loss Typ. (dB)	(MHz)	Rejection Typ. (dB)	(MHz)	Rejection Typ. (dB)	
LFCG-2500+	DC-2500	1.2	3500-4000	33	4000-7000 7000-10000	45 30	GE0805C-2
LFCG-2600+	DC-2600	1.1	3850-4200	50	4200-7000 7000-10000 10000-15000	50 30 25	GE0805C-2
LFCG-2750+	DC-2750	1.2	4000-4350	50	4350-7200 7200-10000 10000-16000	50 30 25	GE0805C-2
LFCG-2850+	DC-2850	0.9	3800-4400	30	4400-8000 8000-12000 12000-14000	45 30 20	GE0805C-2
LFCG-3000+	DC-3000	1.1	4550-4800	50	4800-7000 7000-11000 11000-15000	50 30 25	GE0805C-2
LFCG-3400+	DC-3400	1.3	4700-5000	35	5000-8500 8500-15000	40 25	GE0805C-2
LFCG-3500+	DC-3500	1.3	4800-5000	35	5000-8500 8500-15000	38 25	GE0805C-2
LFCG-3800+	DC-3900	1.3	5800-6200	40	6200-8400 8400-12000 12000-18000	42 48 20	GE0805C-2
LFCG-4800+	DC-4800	1.2	6700-7200	34	7200-9300 9300-12500 12500-18000	42 29 20	GE0805C-2
LFCG-612+	4900-6100	1.0	8200	20	9800-12200 14700-18300	40 33	GE0805C-4

1. See individual product datasheets for more details



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