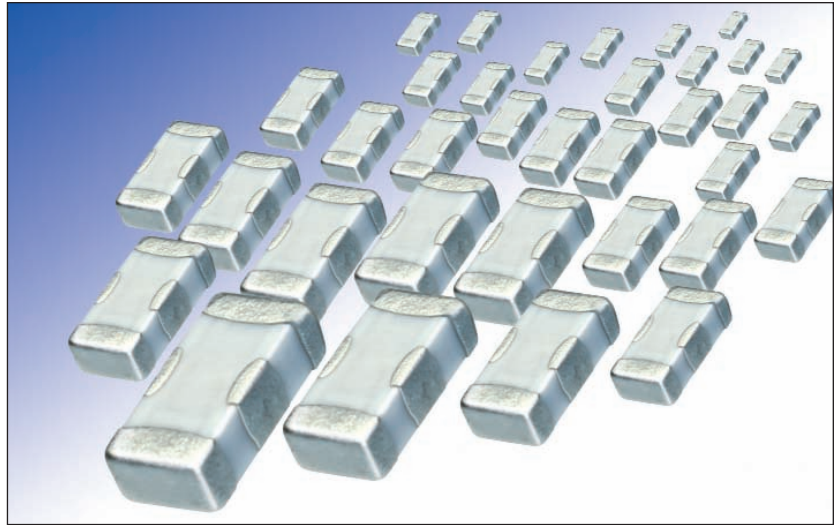


# LOW PASS FILTERS

# Designer's Kit K1-LFCN+

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



## Passband DC to 630MHz

### LFCN+ Features

- Wideband, 50Ω
- LTCC Low Temperature Co-fired Ceramic
- Small size (L)0.12" x (W)0.06"
- Temperature stable
- Repeatable performance
- Excellent power handling
- Hermetically sealed
- 7 sections
- Low cost



All models are  
RoHS compliant

### Kit K1-LFCN+

Electrical specifications of each model (7 models, 5 of each, 35 total)

Model	Passband (MHz)  (loss < 1dB) <sup>†</sup> Max.	fco, (MHz) Nom.  (loss 3dB) Typ.	Stopband (MHz) (loss, dB)			VSWR (:1)		Power Input* (W) Max.
			f 20 Min.	40 Typ.	fr 20 Typ.	Stopband Typ.	Passband Typ.	
LFCN-225+	DC-225	350	460	510-2500	5500	20	1.2	8.5
LFCN-320+	DC-320	460	560	640-2500	5300	20	1.2	8.5
LFCN-400+	DC-400	560	660	680-3000	5500	20	1.2	8.5
LFCN-490+	DC-490	650	800	880-2500	6000	20	1.2	8.5
LFCN-530+	DC-530	700	820	945-3000	6000	20	1.2	8.5
LFCN-575+	DC-575	770	900	1050-3200	5500	20	1.2	8.5
LFCN-630+	DC-630	830	1000	1050-3500	6000	20	1.2	8.5

Protected under U.S. Patent 6,943,646

<sup>†</sup> LFCN-530+, -575+, and -630+ Loss < 1.2dB.

\* Passband rating, derate linearly to 3.5W at 100°C ambient.



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**RF/IF MICROWAVE COMPONENTS**

REV. OR  
M104875  
K1-LFCN+