

Description

The YCPB061 is a low temperature co-fired ceramic (LTCC) Band Pass Filter designed for high performance in various applications. The small part size allow for high density PCB layout, provide excellent solderability.

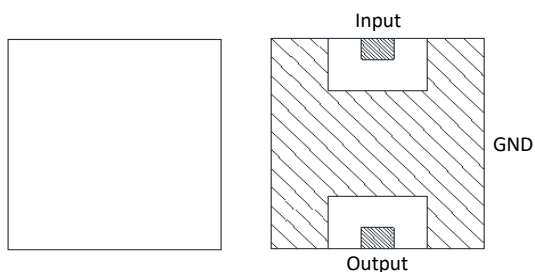
The YCPB061 is particularly well-suited for wireless transmitters or receivers.

Applications

- ◆ Cellular Infrastructure
- ◆ Narrow & Wideband amplifiers
- ◆ Radar / Jammer
- ◆ Test Instrumentation
- ◆ Satellite communication

Features

- ◆ 5925 - 6425MHz
- ◆ Low Insertion Loss
- ◆ High rejection out-of-band
- ◆ Surface Mount Type
- ◆ Miniature Size



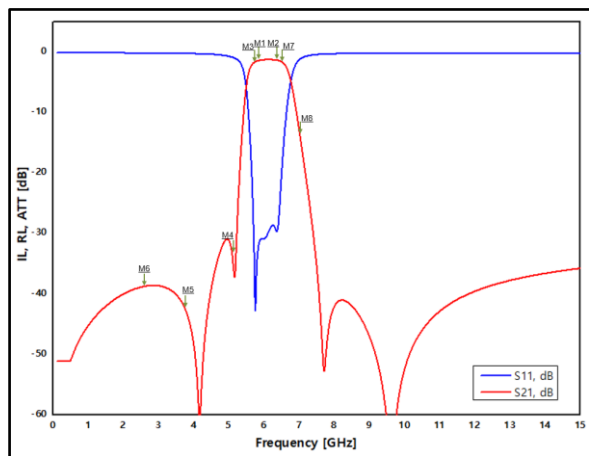
Electrical Specification

Parameter	Specification			Conditions	Unit
	Min.	Typ.	Max.		
Frequency	5925	-	6425	-	MHz
Insertion Loss	-	-	2.0	@ 5925 - 6425MHz	dB
Return Loss	10	-	-	@ 5925 - 6425MHz	dB
Attenuation	25.0	-	-	@ 2400 - 2500MHz	dB
	25.0	-	-	@ 3300 - 3800MHz	dB
Operation Temperature Range	-25	-	85	-	°C

Performance Plots : Simulation Data

RF Frequency : 5925~6425MHz

S-Parameter



Marker	Frequency [MHz]	Value [dB]	Marker	Frequency [MHz]	Value [dB]
M1	5925	-1.2	M7	6525	-1.4
M2	6425	-1.3	M8	7125	-16
M3	5850	-1.3			
M4	5150	-32			
M5	3800	-43			
M6	2500	-38			

Package Outline Drawing

