

Description

The YCPL009 is a low temperature co-fired ceramic (LTCC) Low Pass Filter designed for high performance in various applications. The small part size allow for high density PCB layout, provide excellent solderability.

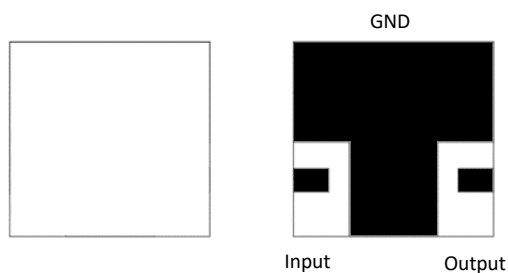
The YCPL009 is particularly well-suited for wireless transmitters or receivers.

Applications

- ◆ Cellular Infrastructure
- ◆ Narrow & Wideband amplifiers
- ◆ Radar / Jammer
- ◆ Test Instrumentation
- ◆ harmonic rejection

Features

- ◆ 900 - 930MHz
- ◆ Low Insertion Loss
- ◆ High rejection out-of-band
- ◆ Surface Mount Type
- ◆ Miniature Size



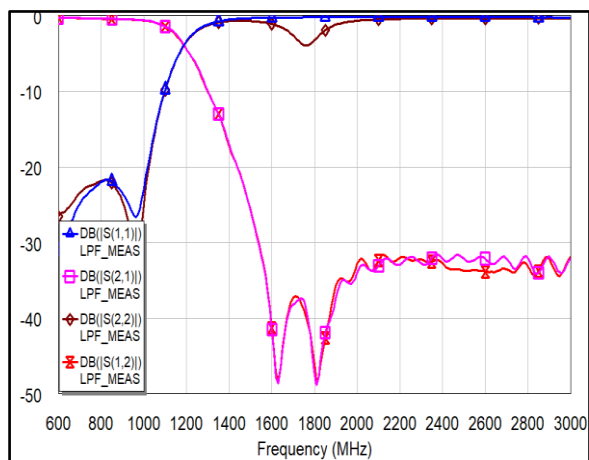
Electrical Specification

Parameter	Specification			Conditions	Unit
	Min.	Typ.	Max.		
Frequency	900	-	930	-	MHz
Insertion Loss	-	-	0.5	@ 900 - 930MHz	dB
Return Loss	12.7	-	-	@ 900 - 930MHz	dB
Attenuation	35.0	-	-	@ 1700 - 1800MHz	dB
	30.0	-	-	@ 1830MHz	dB
	30.0	-	-	@ 3360MHz	dB
	30.0	-	-	@ 4575MHz	dB
Power Capacity	-	-	5.0	-	W

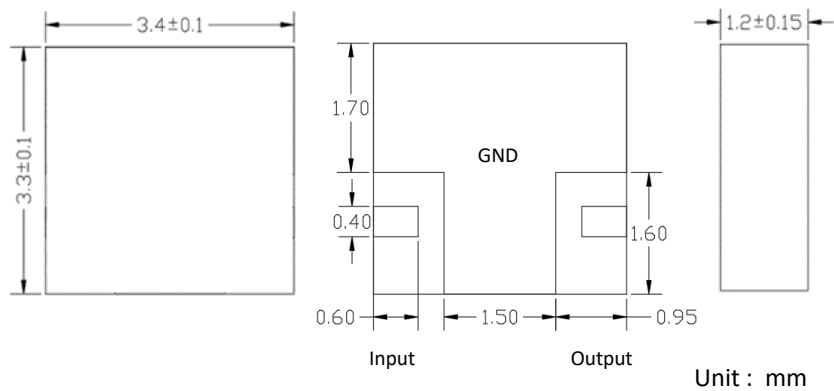
Performance Plots

RF Frequency: 900~930MHz

S-Parameter



Package Outline Drawing



Terminal Function	
(1)	Input / Output
(2)	GND
(3)	Input / Output