

Description

The YCPB007 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 YCPB007 is particularly well-suited for wireless transmitters or receivers.

Applications

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

Features

- ◆ 695 - 845MHz
- ◆ Low Insertion Loss
- ◆ High rejection out-of-band
- ◆ Surface Mount Type
- ◆ Miniature Size



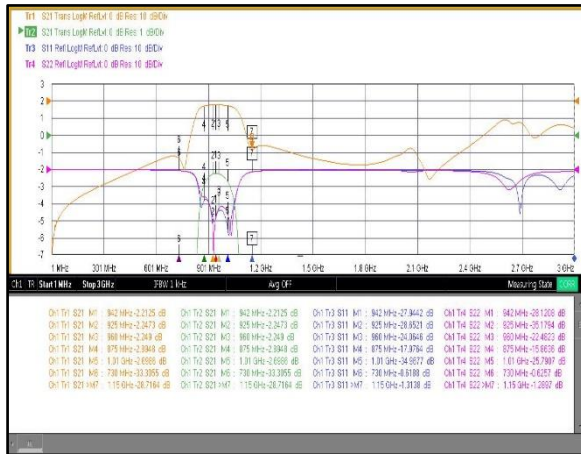
Electrical Specification

Parameter	Specification			Conditions	Unit
	Min.	Typ.	Max.		
Frequency	695	-	845	-	MHz
Ripple	-	-	1.2	@ 695 - 845MHz	dB
Insertion Loss	-	-	3.9	@ 695 - 845MHz	dB
Return Loss	13	-	-	@ 695 - 845MHz	dB
Attenuation	20.0	-	-	@ DC - 563MHz	dB
	20.0	-	-	@ 983 - 2000MHz	dB
Power Capacity	-	-	1.0	-	W

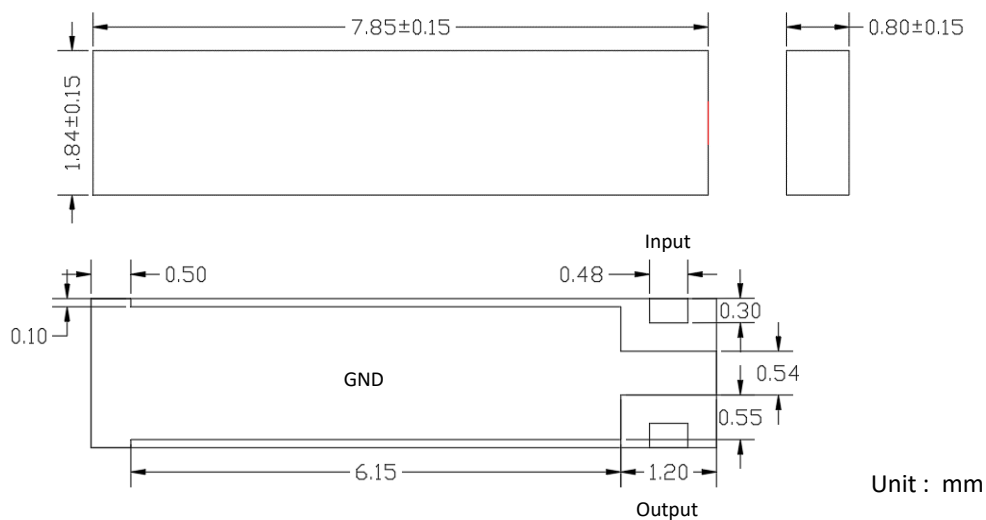
Performance Plots : Measured Data

RF Frequency : 695~845MHz

S-Parameter



Package Outline Drawing



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