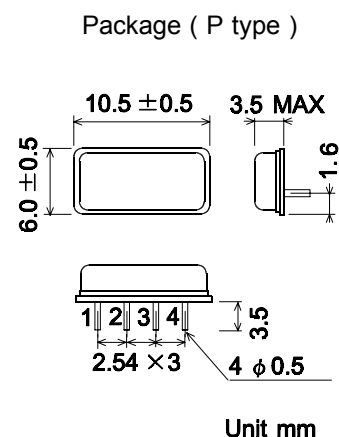
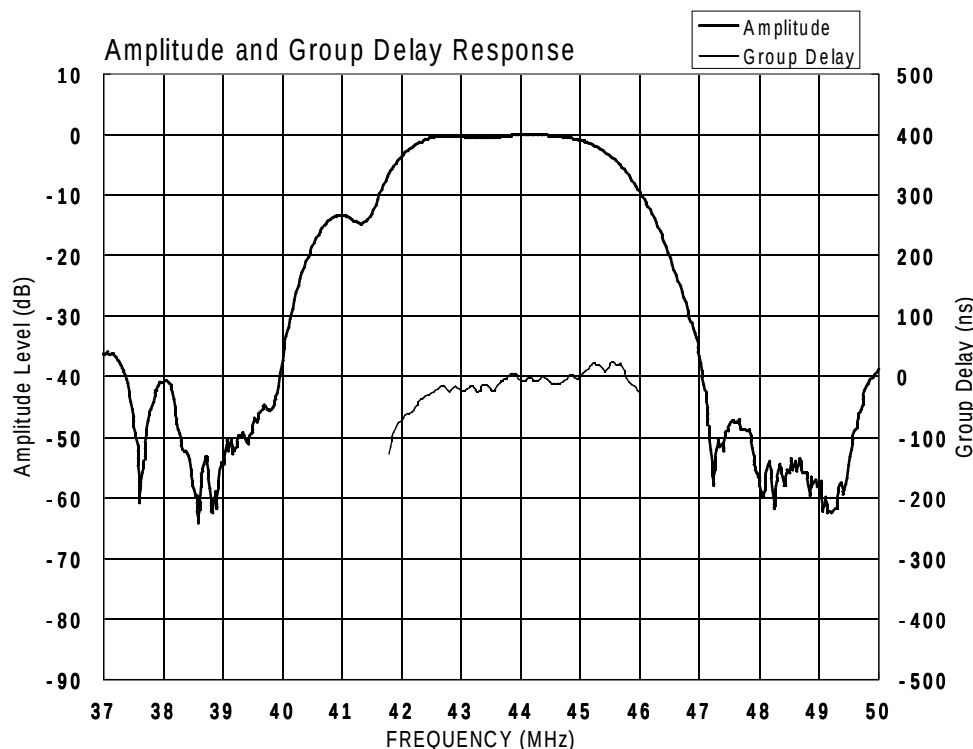


TSF5221P

APPLICATION : IF Filter for Inter-Carrier

IF : 45.75 MHz
SYSTEM : M/N



ELECTRIC CHARACTERISTICS (Ta = 25 °C)

· Drive Impedance : 50 Ω · Load Impedance : 1.2 k Ω || 5 pF

CHARACTERISTICS		Freq. (MHz)	SPECIFICATIONS			Unit
			Upper	Nom.	Lower	
1	Amplitude Response Ref.: 44.0 MHz	47.25	-40	-50		(dB)
		45.75	-4.9	-6.1	-7.3	
		42.67	0.7	-0.3	-1.3	
		42.17	-0.7	-1.9	-3.1	
		41.67	-6.0	-8.5	-11.0	
		41.25	-12.4	-14.4	-16.4	
2	Spurious Response	35.0 ~ 39.75	-34	-37		(dB)
		47.25 ~ 55.0	-34	-38		
3	Group Delay Ref.: 45.75 MHz	43.75		-20		(ns)
		42.17		-60		
4	Insertion Loss	44.0		-14.8	-16.3	(dB)
5	Temperature Coefficient			-72		ppm/ °C
6	Input Capacitance	1.0		11.1		(pF)
	Input Resistance	44.0		1.2		(K Ω)
	Output Capacitance	1.0		5.3		(pF)
	Output Resistance	44.0		0.9		(K Ω)

Pin Connection

NO.	FUNCTION
1	INPUT
2	GND
3	OUTPUT
4	OUTPUT

Equivalent Circuit

