

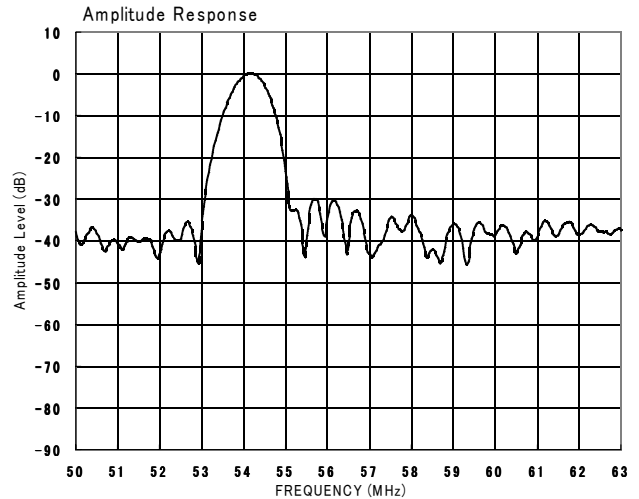
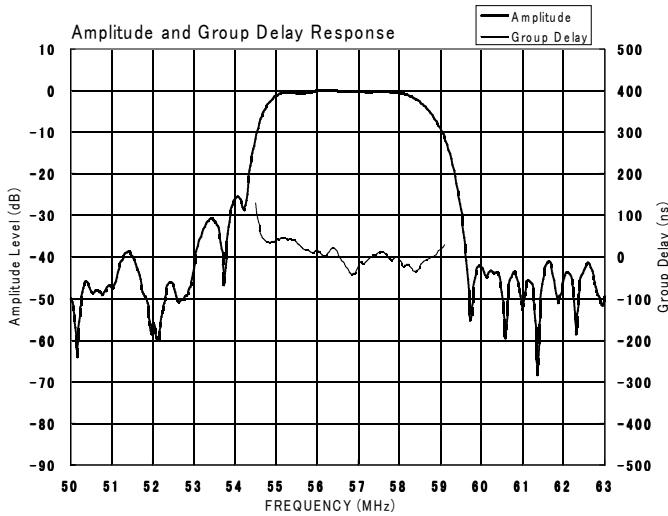
TSB2122C2

APPLICATION : IF Filter for Video and Sound

IF SYSTEM : 58.75 MHz
SYSTEM : M/N

VIDEO-CH

SOUND-CH

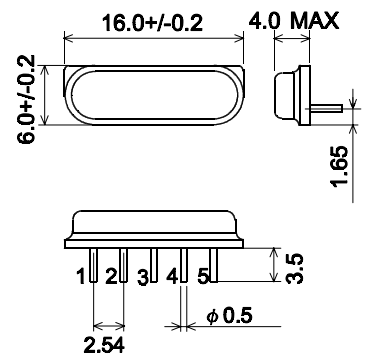


ELECTRIC CHARACTERISTICS (Ta = 25 °C)

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

CHARACTERISTICS	Freq. (MHz)	SPECIFICATIONS(Nom.)		Unit	
		Video-CH	Sound-CH		
1 Amplitude Response	60.25	< -37	< -28	(dB)	
	58.75	-5.1 +/- 1.5	< -30		
	57.0	0 (Ref.)	-----		
	55.67	-0.2 +/- 1.2	-----		
	55.17	-0.3 +/- 1.2	< -21		
	54.67	-5.6 +/- 2.0	-----		
	54.25	< -20	0 (Ref.)		
2 Spurious Response	46.75 ~ 52.75	< -33	-----	(dB)	
	39.75 ~ 52.75	-----	< -27		
	60.25 ~ 66.25	< -33	-----		
	60.25 ~ 75.0	-----	< -26		
3 Insertion Loss	57.0	-27.7 +/- 2.0	-----	(dB)	
	54.25	-----	-26.0 +/- 2.0		
4 Temperature Coefficient		-18		ppm/	
5 Input Capacitance	1.0	30.9 +/- 20 %		(pF)	
	Input Resistance	57.0	0.6	-----	(K Ω)
		54.25	-----	0.4	
	Output Capacitance	1.0	11.1 +/- 20%	-----	(pF)
		1.0	-----	5.3 +/- 20 %	
	Output Resistance	57.0	1.7	-----	(K Ω)
54.25		-----	3.8		

Package (C type)



Unit : mm

Pin Connection

NO.	FUNCTION
1	INPUT
2	GND
3	OUTPUT(Sound)
4	OUTPUT(Video)
5	OUTPUT(Video)

Equivalent Circuit

