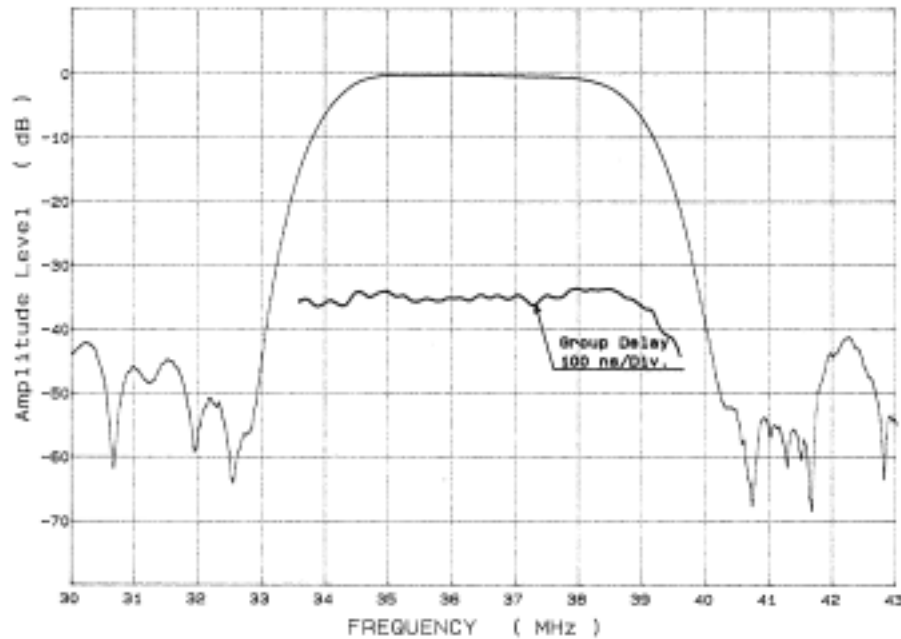


TSF5330U2

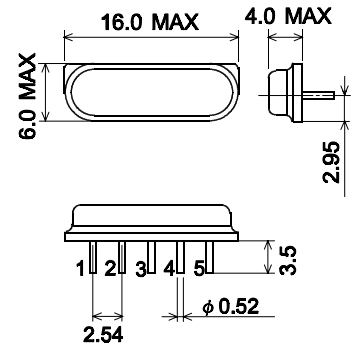
APPLICATION : IF Filter for Video

IF : 38.9 MHz
SYSTEM : L,DK

Amplitude and Group Delay Response



Package (U type)



Unit : mm

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. : 37.4 MHz	41.4	-39	-55		(dB)
		40.4	-43	-55		
		40.16	-36	-49		
		38.9	-4.0	-5.2	-6.4	
		34.47	0.5	-1.0	-2.5	
		33.4	-19.5	-22.0	-24.5	
		32.4	-43	-52		
		31.9	-43	-54		
		30.9	-42	-52		
2	Spurious Response	25.0 ~ 30.9	-37	-42		(dB)
		41.4 ~ 45.0	-34	-40		
3	Group Delay Ref. : 38.9 MHz	36.9		0		(ns)
		34.47		0		
4	Insertion Loss	37.4		-15.2	-17.2	(dB)
5	Temperature Coefficient			-72		ppm/°C
6	Input Capacitance	1.0		10.8		(pF)
	Input Resistance	37.4		1.6		(K Ω)
	Output Capacitance	1.0		6.2		(pF)
	Output Resistance	37.4		1.4		(K Ω)

Pin Connection

NO.	FUNCTION
1	INPUT(HIGH)
2	INPUT(LOW)
3	GND
4	OUTPUT
5	OUTPUT

Equivalent Circuit

