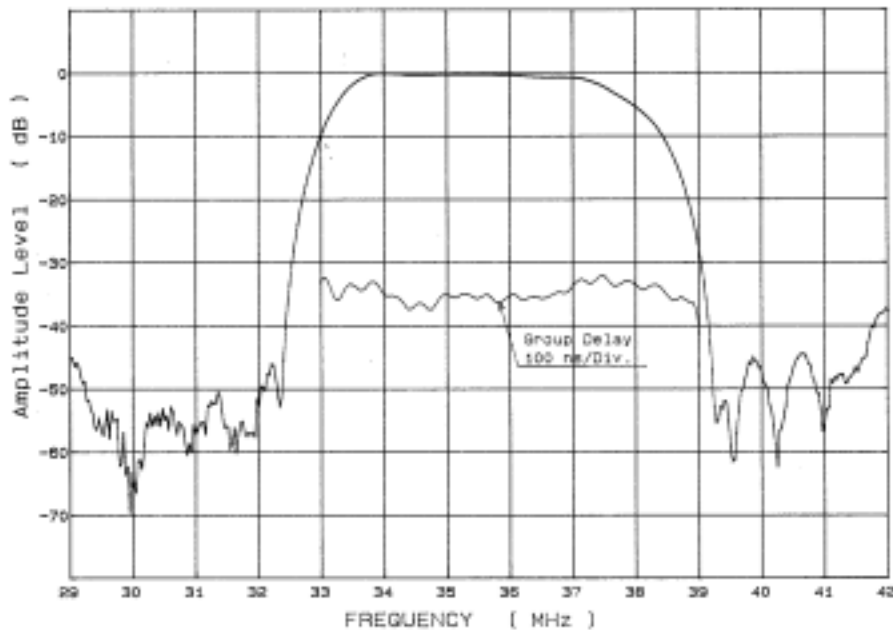


TSF5348U

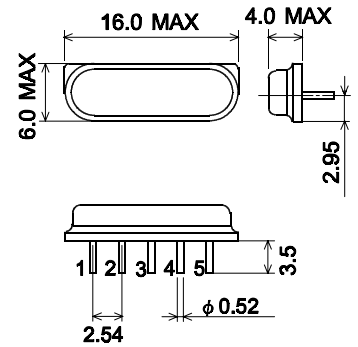
APPLICATION : IF Filter for Video

IF : 38.0 MHz
SYSTEM : B/G,I,DK,L

Amplitude and Group Delay Response



Package (U type)



Unit : mm

ELECTRIC CHARACTERISTICS (Ta = 25 °C)

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

CHARACTERISTICS		Freq. (MHz)	SPECIFICATIONS			Unit
			Upper	Nom.	Lower	
1	Amplitude Response Ref. : 36.0 MHz	39.5	-43	-55		(dB)
		38.0	-4.2	-5.2	-6.2	
		33.57	0	-1.0	-2.0	
		32.5	-28	-33		
		32.0	-42	-50		
		31.5	-44	-55		
		31.0	-44	-58		
		30.0	-44	-60		
2	Spurious Response	25.0 ~ 30.0	-38	-42		(dB)
		39.5 ~ 45.0	-33	-38		
3	Group Delay Ref. : 38.0 MHz	36.0		-20		(ns)
		33.57		-10		
4	Insertion Loss	36.0		-16.5	-18.5	(dB)
5	Temperature Coefficient			-72		ppm/ °C
6	Input Capacitance	1.0		10.9		(pF)
	Input Resistance	36.0		1.9		(KΩ)
	Output Capacitance	1.0		6.2		(pF)
	Output Resistance	36.0		1.5		(KΩ)

Pin Connection

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

Equivalent Circuit

