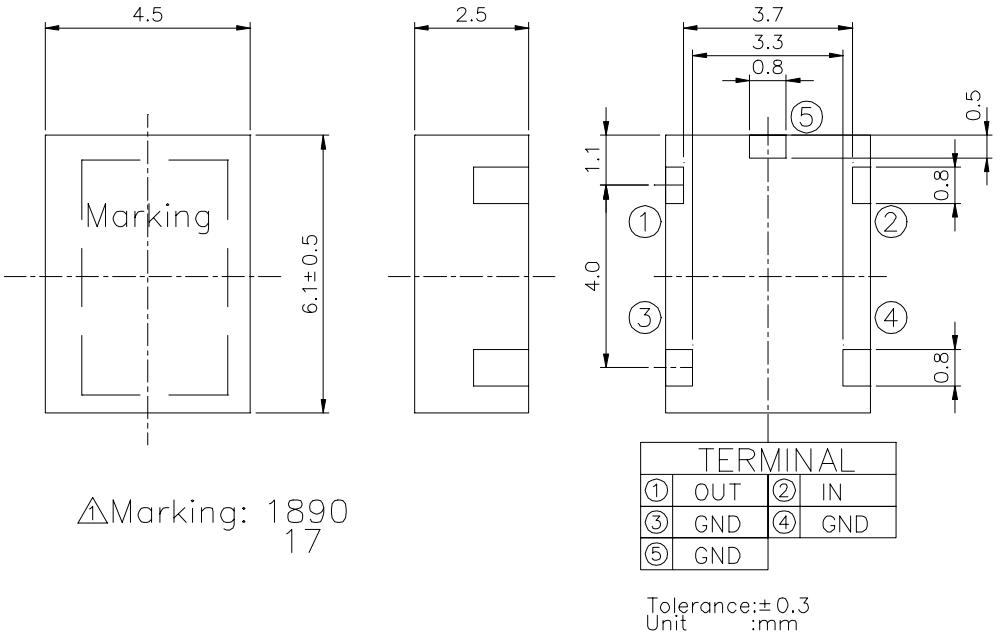
SPECIFICATION OF DIELECTRIC FILTER

TOKO P/No: TDFM3A-1890D-17

1. OUTLINE DIMENSION



2. ELECTRICAL CHARACTERISTICS

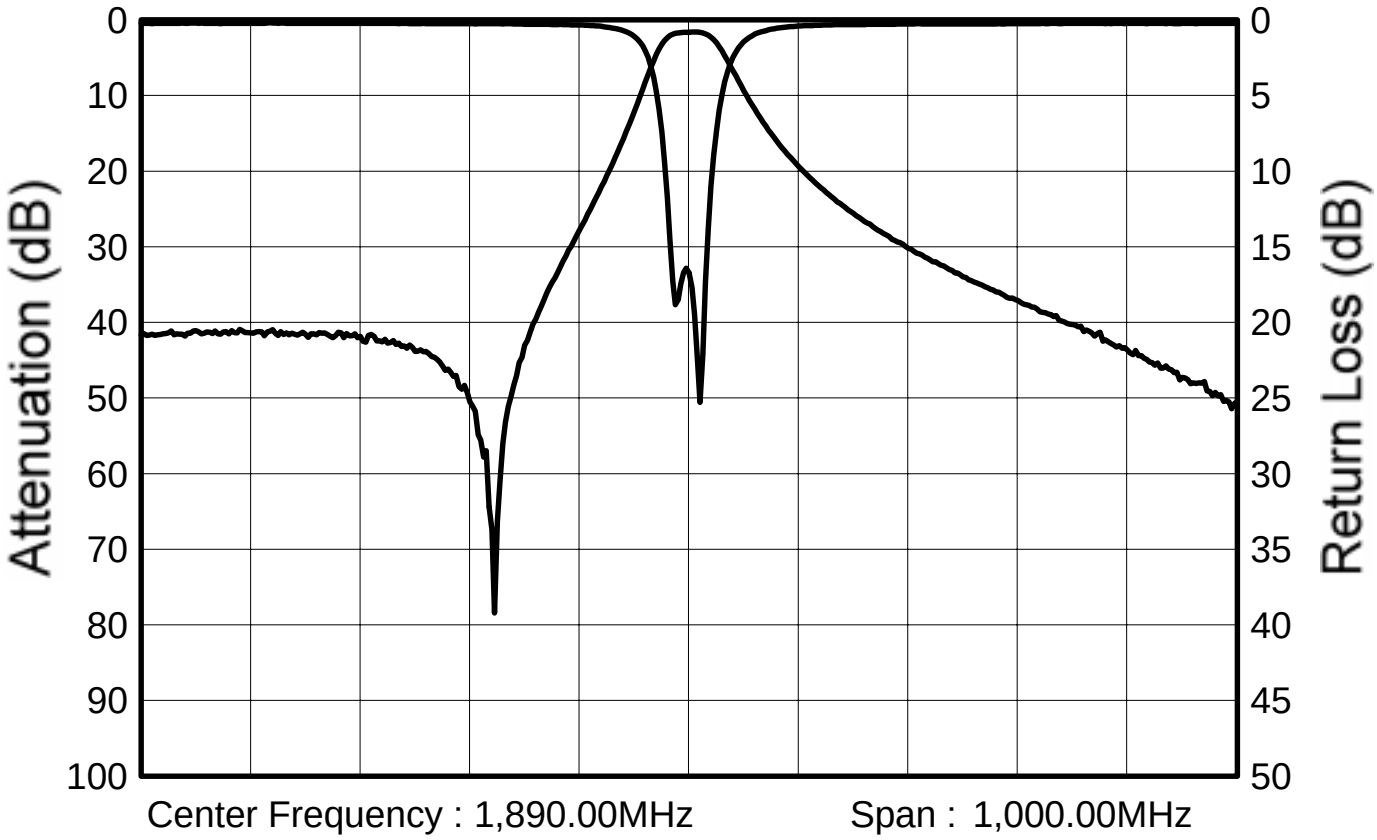
Center Frequency(Fo)	:	1890.0MHz	
Passband Width	:	Fo ± 10.0MHz	
Input Output Impedance	:	50 ohm	
Insertion Loss in Passband	:	2.5dB max.	(-35 ~ +85°C)
		1.7dB	(Typical Data at +25°C)
Ripple in Passband	:	0.5dB max.	
V.S.W.R in Passband	:	2.0 max.	
Attenuation	:	37dB min.	at 1656 ~ 1674MHz
	:	7.5dB min.	at 1824 ~ 1842MHz

(All specifications are an absolute value.)

Rev. 1	Jul. 23. 1997	S. Ohtsuka
Orig.	Nov. 24. 1995	H. Sugita
Issues		Sig.

Test Data of Dielectric Filter

Toko No. : TDFM3A-1890D-17



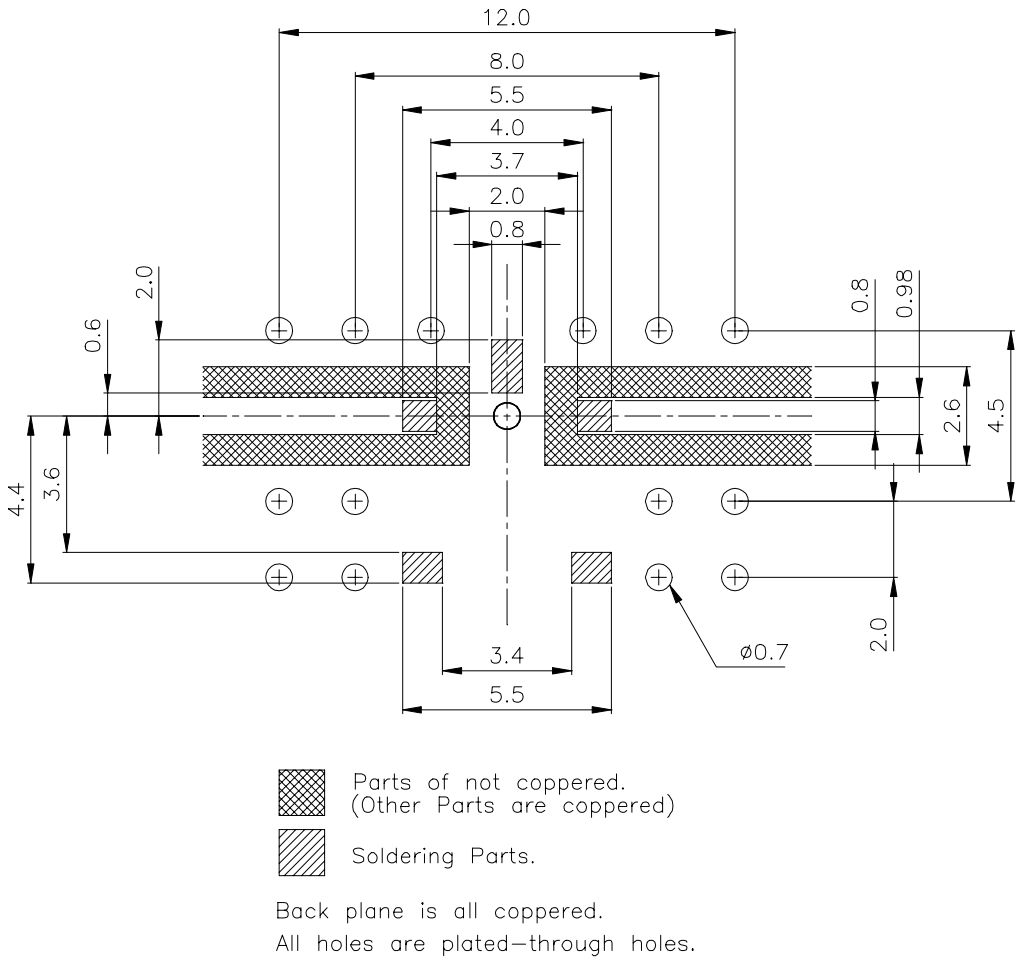
Passband Insertion Loss	1.72dB
Passband Ripple	0.11dB
Passband V.S.W.R.	1.36
Attenuation at 1,656.00~1,674.00MHz at 1,824.00~1,842.00MHz	 44.55dB 11.32dB

Date : 96.06.13
Instrument : WILTRON 37269A

Toko, INC.

PCB Recommended Pattern For Dielectric Filter

TOKO P/No : TDFM3A-1890D-17



SUBSTRATE MATERIAL:

BT Resin CCL-H870 t=0.4mm.

CCl-H870's typical dielectric constant is 3.6 at 1GHz.

CAUTION:

All terminals of this filter are connected to GND.

Therefore, it mast be used without DC voltage.