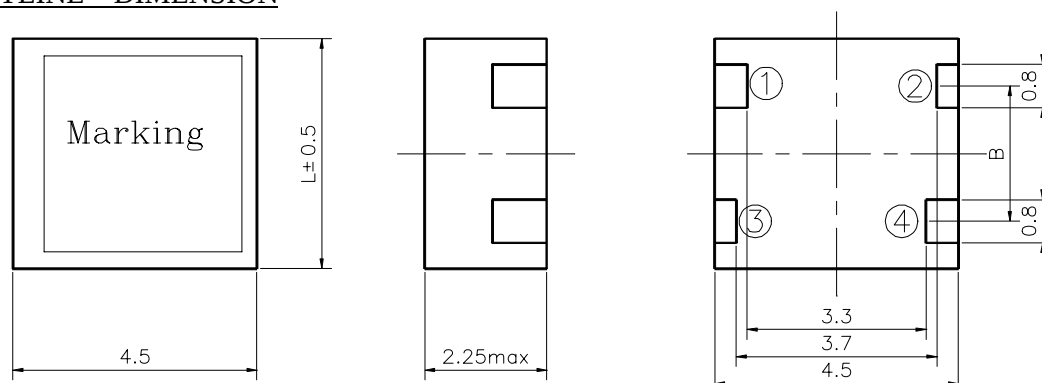


SPECIFICATION OF DIELECTRIC FILTER

TOKO P/No: TDFM2A-1920D-10

1. OUTLINE DIMENSION



L : 4.3
B : 2.5

Marking:1920
10

①	GND	②	IN
③	OUT	④	GND

tolerance : ± 0.3
unit : mm

2. ELECTRICAL CHARACTERISTICS

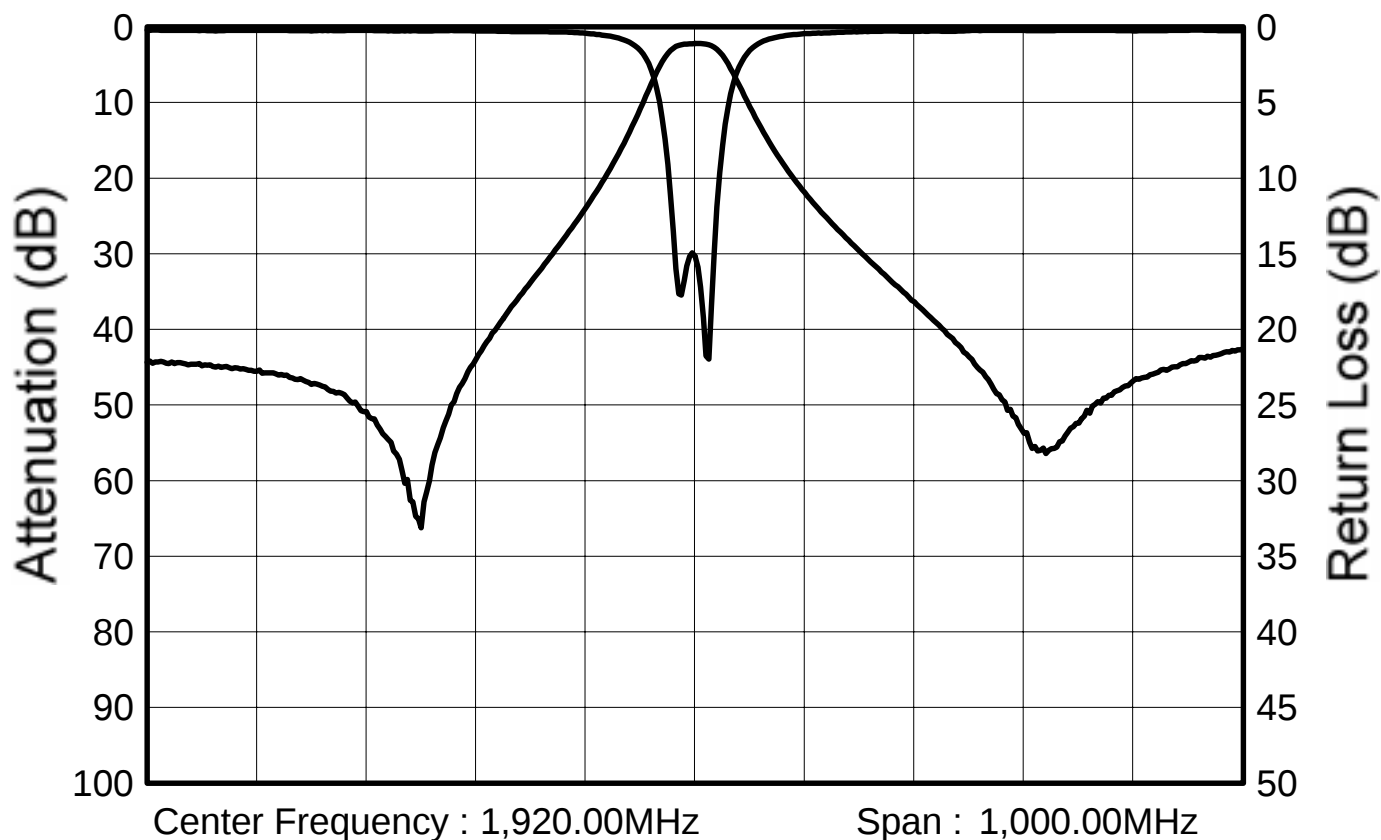
	SPECIFICATION
CENTER FREQUENCY (F ₀)	: 1920.0 MHz
PASSBAND WIDTH	: F ₀ $\pm$ 10.0MHz
INSERTION LOSS IN PASSBAND	: 3.0dB max.
RIPPLE IN PASSBAND	: 1.0dB max.
V.S.W.R. IN PASSBAND	: 2.0 max.
ATTENUATION	
at 1750MHz	: 33.0dB min.
at 2090MHz	: 27.0dB min.

(All specifications are an bsolutevalue.)

1 st.	APR.22.1997	TANAKA
Orig.	MAR.14.1996	TANAKA
Issues		Sig.

Test Data of Dielectric Filter

Toko No. : TDFM2A-1920D-10



Passband Insertion Loss	2.30dB
Passband Ripple	0.08dB
Passband V.S.W.R.	1.44
Attenuation at 1,750.00MHz at 2,090.00MHz	37.52dB 32.43dB

Date : 96.10.17

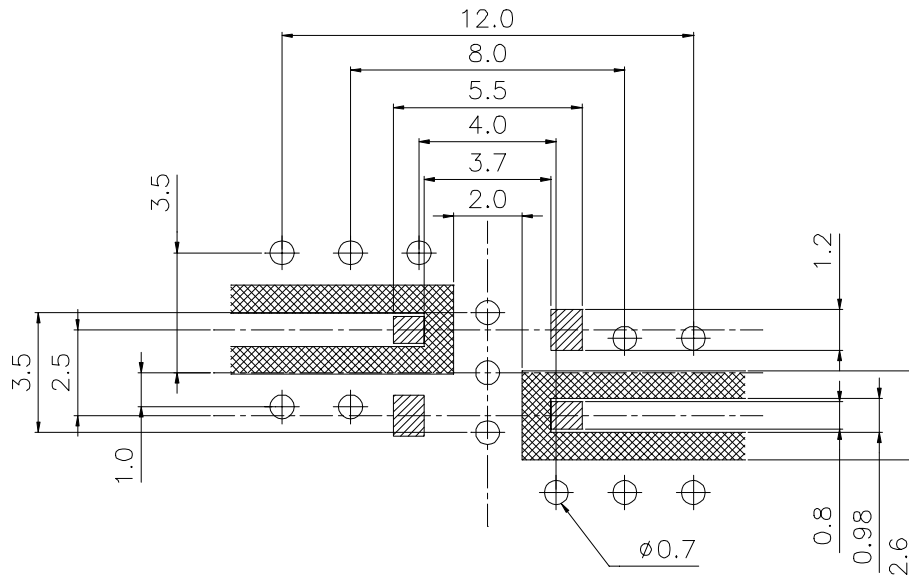
Instrument : WILTRON 37217B



Toko, INC.

PCB Recommended Pattern For Dielectric Filter

TOKO P/No : TDFM2A-1920D-10



Parts of not coppered.
(Other parts are coppered)

Soldering parts.

Back plane is all coppered.
All holes are plated-through holes.

SUBSTRATE MATERIAL:

BT Resin CCL-H870 $t=0.4\text{mm}$.

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

PRECAUTION

Do not connect terminals to DC voltage.