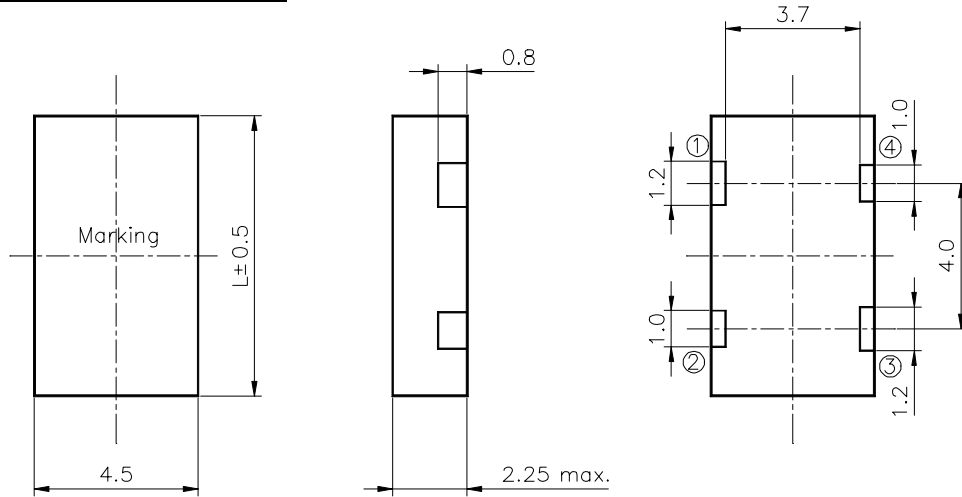


SPECIFICATION OF DIELECTRIC FILTER

TOKO P/No: TDFM2A-915E-10

1. OUTLINE DIMENSION



L:7.7

Marking: 915
-10
TOKO

①	GND	③	GND
②	OUT	④	IN

tolerance:± 0.3
unit : mm

2. ELECTRICAL CHARACTERISTICS

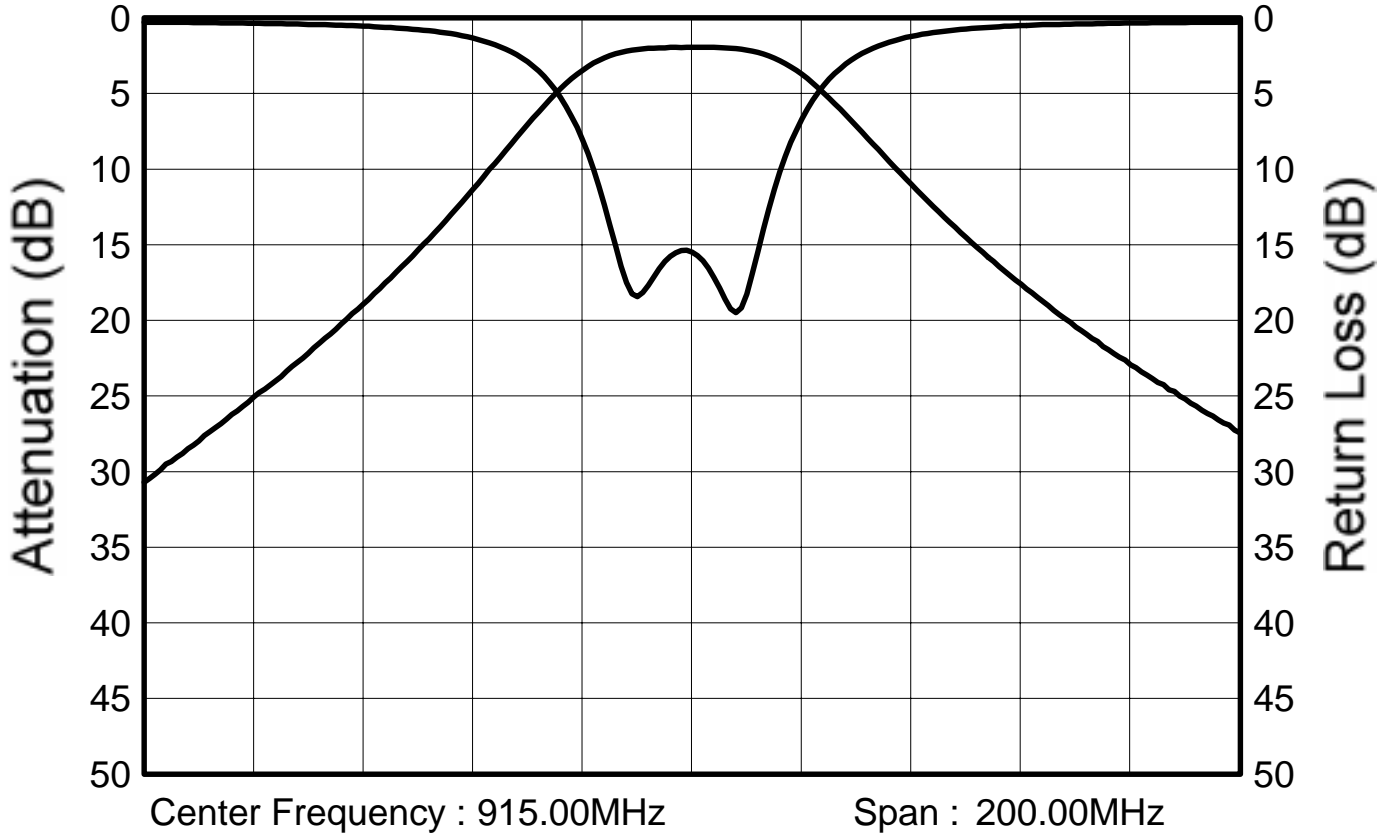
Center Frequency (Fo)	: 915.0MHz
Passband Width	: Fo±13.0MHz \triangle
Input Output Impedance	: 50 Ohm
Insertion Loss in Passband	: 3.0dB max.
Ripple in Passband	: 1.0dB max.
V.S.W.R. in Passband	: 2.0 max.
Attenuation	: 12.0dB min.(at 865MHz)
	: 12.0dB min.(at 965MHz)

(All specifications are an absolute value.)

3		
2		
1	1996-04-17	Y.YAMADA
Orig.	1995-10-14	Y.YAMADA
	Issues	Sig.

Test Data of Dielectric Filter

Toko No. : TDFM2A-915E-10



Passband Insertion Loss	2.34dB
Passband Ripple	0.39dB
Passband V.S.W.R.	1.45
Attenuation at 865.00MHz at 965.00MHz	15.34dB 14.51dB

Date : 95.10.26

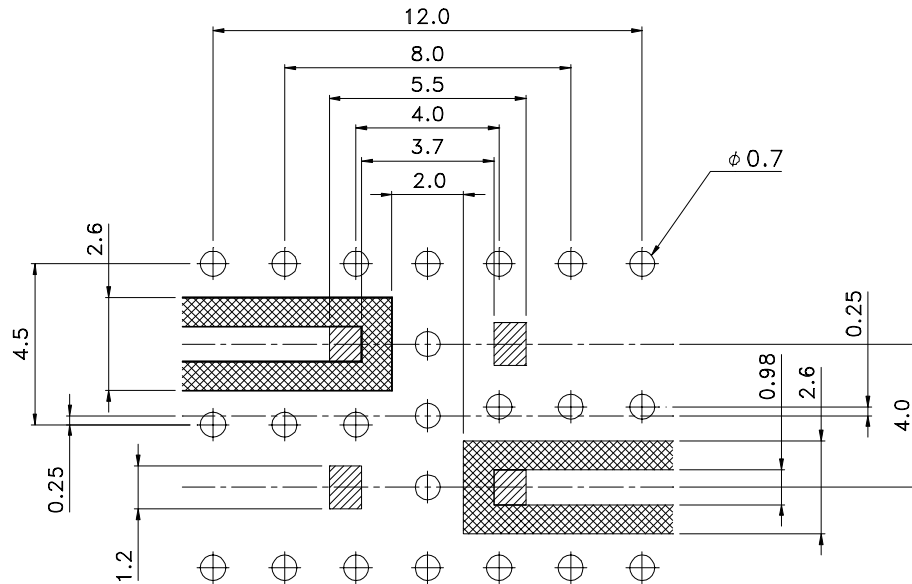
Instrument : WILTRON 37269A




Toko, INC.

PCB Recommended Pattern For Dielectric Filter

TOKO P/No : TDFM2A-915E-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=0.4mm.

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

PRECAUTION:

Do not connect terminals to DC voltage.