

REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1	Initial Registration	S.H.LEE	S.H.LEE	2013.09.16.

A

B

C

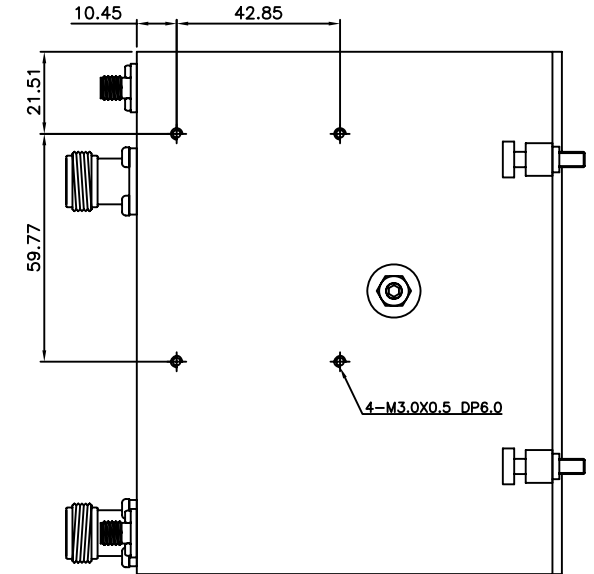
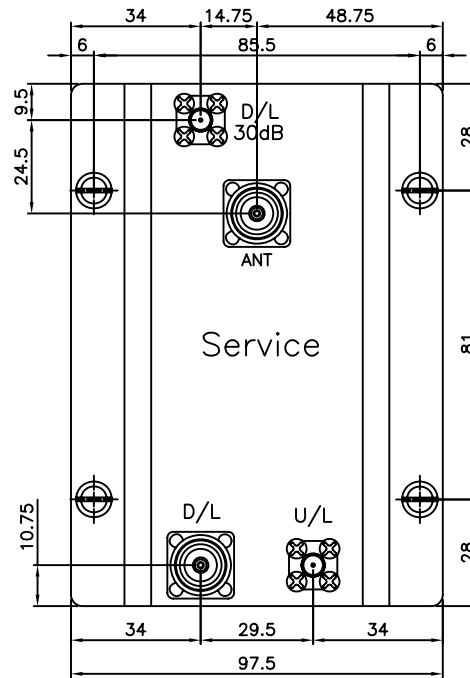
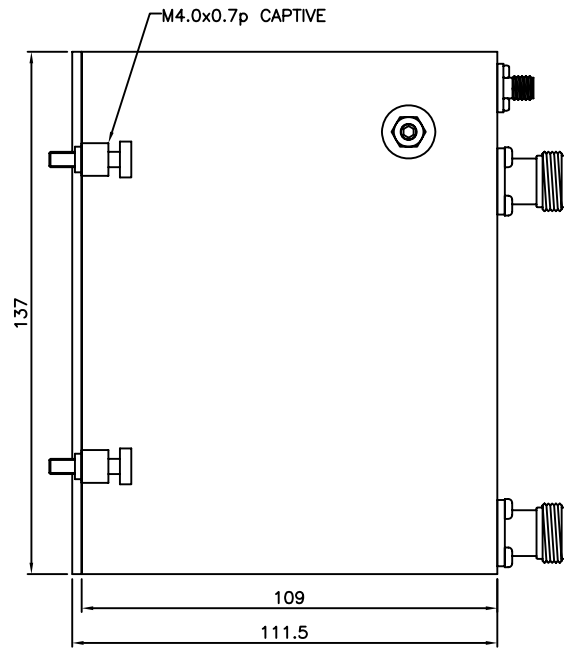
D

A

B

C

D



TOLERANCE	Decimal ±0.3	DATE	2013. 09. 16.	 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
	Angle ±1°	APPROVED BY	S.H.LEE	
MATERIAL		CHECKED BY		TITLE Ass'y
PLATING		DRAWN BY		
FINISH	Ivory	SCALE	1/1	DWG NO. FT00370-6/1
		UNIT	mm	REVISION I R SHEET 1 of 1

A2

1. Electrical & Mechanical Specification

Electrical Specifications		
Connector	SMA Type (F), N Type (F)	
Frequency Range	Down Link 870.495~879.105MHz (BW: 8.61MHz)	Up Link 825.495~834.105MHz (BW: 8.61MHz)
Insertion Loss	≤1.5dB	≤1.5dB
Ripple	≤0.5dB	≤0.5dB
Return Loss	≥18dB	≥18dB
Group Delay Deviation (≥10ns)	871.110Mhz[±615KHz]	826.110Mhz[±615KHz]
	872.34MHz[±615KHz]	827.34MHz[±615KHz]
	873.57MHz[±615KHz]	828.57MHz[±615KHz]
	874.8MHz[±615KHz]	829.8MHz[±615KHz]
	876.03MHz[±615KHz]	831.03MHz[±615KHz]
	877.26MHz[±615KHz]	832.26MHz[±615KHz]
	878.49Mhz[±615KHz]	833.49Mhz[±615KHz]
CPL	30dB±0.5dB (p-p)	
Attenuation	≥110dB @2.7GHz~12.75GHz	≥110dB @9KHz~810MHz
Isolation	≥110dB	≥110dB
2 nd Harmonics	≥80dB	≥80dB
Power Handling	50W	
Impedance	50Ω	
Mechanical Specifications		
Dimensions (mm)	137 x 111.5 x 97.5	
Weight	≤2Kg	
Operating Temperature	-30~+70 °C	
Connector Finish	Tri-plate	
Housing Finish	Ivory Coating	