

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

A

A

B

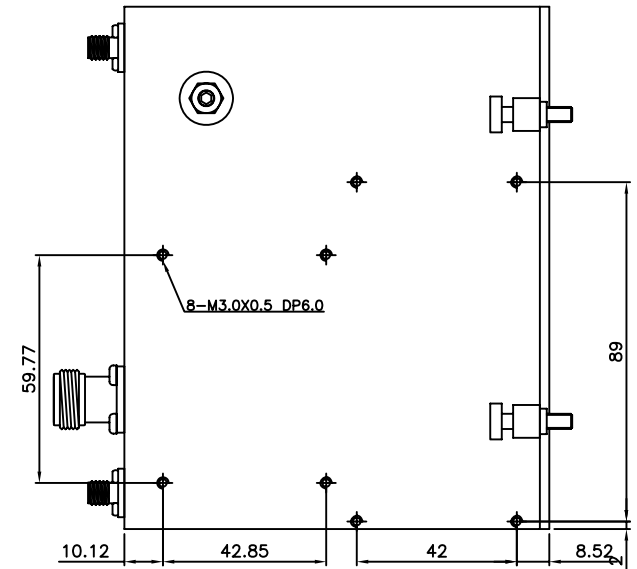
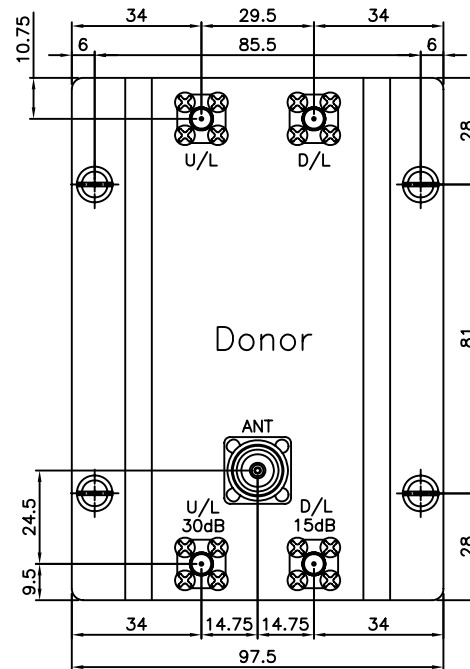
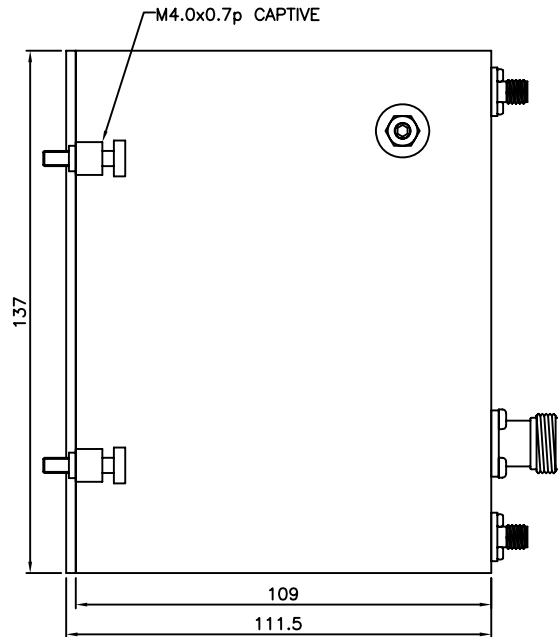
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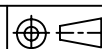
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TOLERANCE	Decimal	DATE 2013. 09. 16.			 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
	Angle				
		APPROVED BY	S.H.LEE		TITLE Ass'y
MATERIAL		CHECKED BY			
PLATING		DRAWN BY			
FINISH Ivory		SCALE 1/1	UNIT mm		DWG NO. FT00371-6/1
					REVISION I R SHEET 1 of 1

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)	871.11Mhz[±615KHz] 872.34MHz[±615KHz] 873.57MHz[±615KHz] 874.8MHz[±615KHz] 876.03MHz[±615KHz] 877.26MHz[±615KHz] 878.49Mhz[±615KHz]	826.11Mhz[±615KHz] 827.34MHz[±615KHz] 828.57MHz[±615KHz] 829.8MHz[±615KHz] 831.03MHz[±615KHz] 832.26MHz[±615KHz] 833.49Mhz[±615KHz]
CPL	15dB±1dB (p-p)	30dB±0.5dB (p-p)
Attenuation		≥55dB @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	