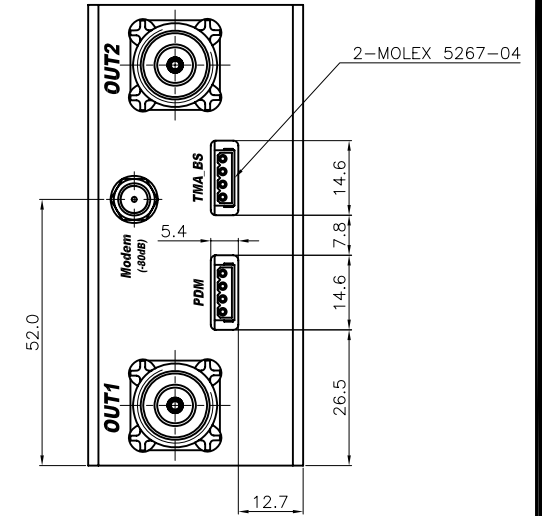
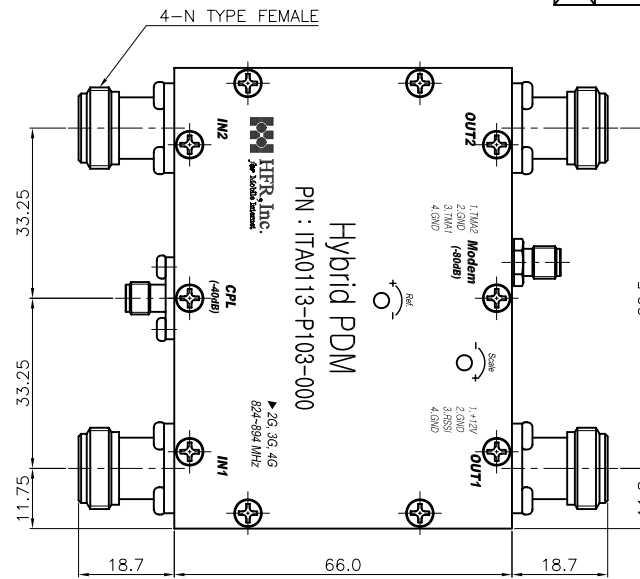
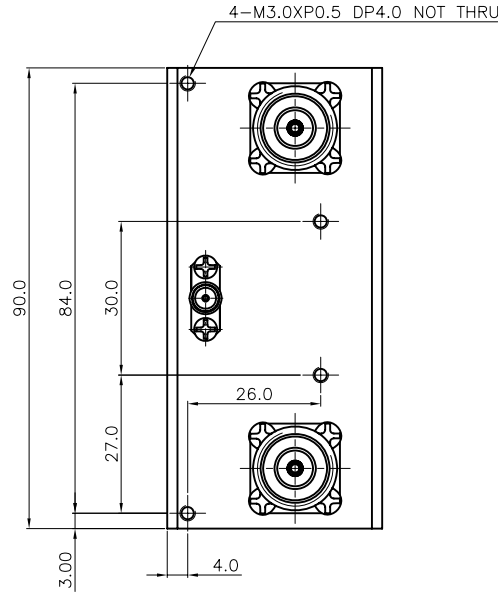
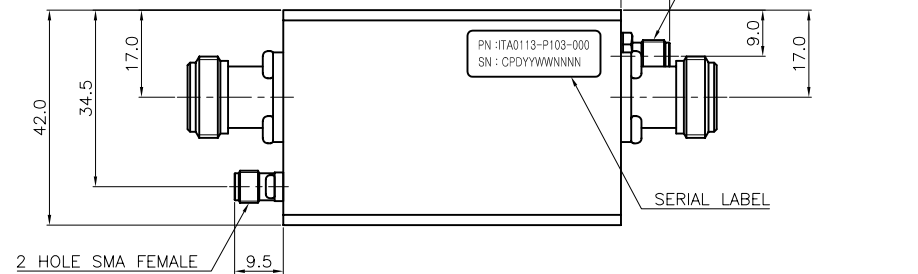


REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1R	Initial Registration	S.L.SON	J.H.YOUN	2012.12.17.



* ELECTRICAL SPECIFICATIONS

Parameters	Unit	Minimum	Typical	Maximum	Comments
Frequency Range	MHz		824~894		CDMA BAND
Insertion Loss	dB			0.2	Path1 & Path2
Pass Band Ripple	dBp-p			0.15	@ Pass Band
In/Out Impedance	Ω		50.0		
Input Power Rating	Avg. Peak			150.0 1500.0	@IN1,IN2 각각 (CDMA Source)
Passive IM	dBc	150.0			@ 2 x 43dBm TX CH
Coupling Value	IN1-SMS		80 $\pm$ 1.0		@824~894 MHz
	IN2-SMS				
	IN1-CPL		40 $\pm$ 0.5		@869~894MHz
	IN2-CPL				
Isolation	IN1-IN2	dB	60.0		
	IN1-OUT2	dB	80.0		
	IN2-OUT1	dB	80.0		
	SMS-OUT1	dB	90.0		
	SMS-OUT2	dB	90.0		
	SMS-DET	dB	65.0		
	SMS-CPL	dB	55.0		
Coupling Ripple	dB		$\pm$ 0.2		
Directivity	dB	18.0			
Input/Output VSWR			$\leq$ 1.15:1		
Input Bias Tee	Voltage	V	10.0	27.0	32.0
	Current	A			2.0
	Pass-band	MHz	2.0	2.176	2.3 통과대역 @TMA VCC
	Return Loss	dB	15.0		@ 2.0~2.3 MHz
	RF Rejection	dBc	10.0		@ > 30MHz
		dBc	60.0		@800~2300 MHz
Detect Frequency Range	MHz		869~894		CDMA(TX)
Input Detect Range	dBm	15.0	40.0	50.0	
Detect Voltage	V		3.2	4.0	@ 0.08V/dBm
RSSI Accuracy	dBm		$\pm$ 0.5		@ 30~47dBm
Temp Accuracy	dBm		$\pm$ 0.5		@-20~75°C, 40dBm
DC input Voltage	V	10.0	12.0	14.0	
DC Current Consumption	mA			50.0	@10~13.8 V

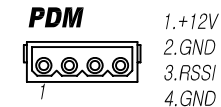
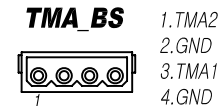


1.Text : 굵림(높이:6)
 2.Color : Black
 3.Quality : 은무데드롱
 4.Content :
 HFR Part No : ITA0113-P103-000
 Serial No :CPDYWWNNNN
 - YY : Production Year
 - WW: Production Week
 - NNNN : Serial No

* MECHANICAL SPECIFICATIONS

Housing : A6061 T6 (White Chromate)
 SMA Connector : 2 hole Type Gold Plate
 Bulk head type Ni Plate
 N type Connector : SUCO Plate 6 μ m

* PIN MAP



TOLERANCE	Decimal $\pm$ 0.3 Angle $\pm$ 1°	DATE 2012. 12. 17.	 KJ COMTECH CO.,LTD. RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
MATERIAL	A6061 T6	APPROVED BY J.H.YOUN	
FINISH	White Chromate	CHECKED BY S.L.SON	
		DRAWN BY J.H.YOUN	
SCALE	1/1	UNIT mm	TITLE Hybrid PDM Module(CDMA)
		DWG NO. DC00253-7/1	
		REVISION 1	SHEET 1 of 1