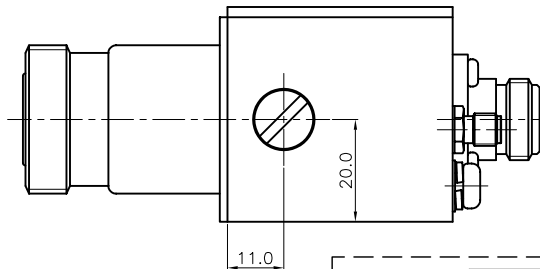
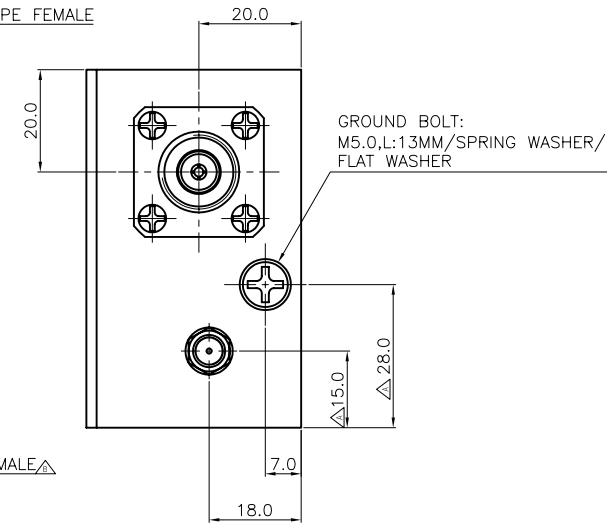
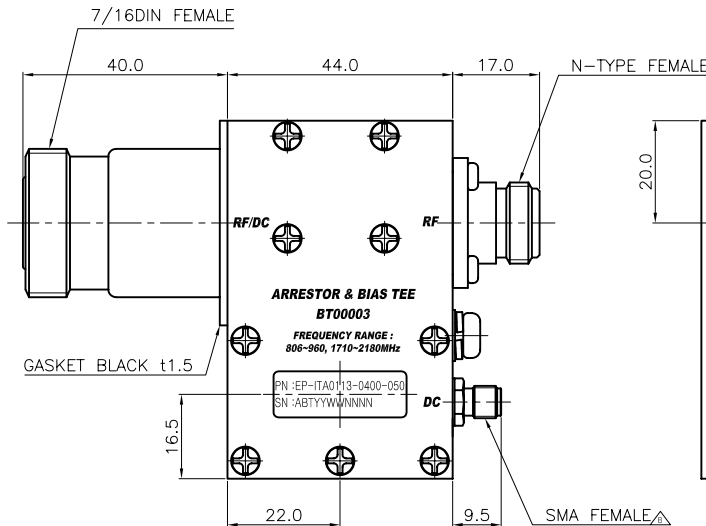
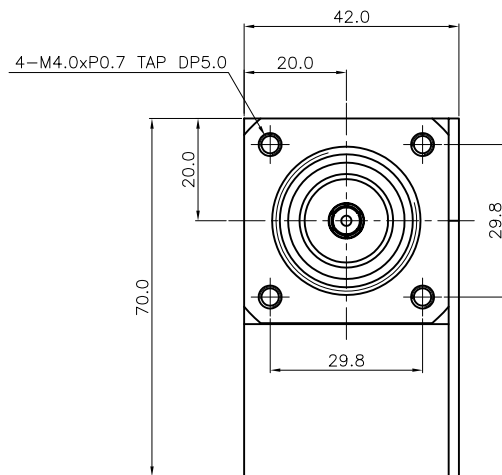


REVISION		
REV	DESCRIPTION	DATE
IR	최초개정	2008.11.13.
A	PIMD SPEC 변경, GROUND BOLT 위치 변경, COVER 변경	2009.03.20.
B	FEED THRU->SMA CONNNECTOR, 2.176MHz Spec추가	2009.06.01.
C	커넥터 Ground 돌출부 길이 변경 0.1->0.05mm(Noise 유입방지), 도장 부위 표기	2009.08.14.
DR	SERIAL LABEL 표기 변경, 도장시 Sanding 추가	2009.10.26.



* ELECTRICAL SPECIFICATIONS

Parameters		Unit	Specifications			Comments	
			Minimum	Typical	Maximum		
Frequency Range		MHz	806 ~ 960			CDMA, GSM, WCDMA Multi-Band	
		MHz	1710 ~ 2180				
In/Out Impedance		Ohm	50			@	
Insertion Loss		dB	0.15				
Pass Band Ripple		dBp-p	0.1				
VSWR			≤ 1.15 : 1				
Passive IMD	2G	dBc	155			@CW 43dBm * 2tone	
	3G	dBc	155				
DC IN (DC Port)	Voltage	V	10	27	32	@ AISG2.0 Modem	
	Current	A	2				
	Pass-band	MHz	2.0	2.176	2.3	@ 2.0 ~ 2.3 MHz	
	Insertion Loss	dB	0.15				
	Return Loss	dB	15				@ 806 ~ 2180 MHz
	RF Rejection	dBc	60				
	dBc	10				@ 30MHz	
	dBc	40				@ 100MHz	
RF Power Rating	Average	W			500	@ CDMA Source	
	Peak	W			5000		
Breakdown Voltage		V	36				
Surge Protection Capability	IEC 61000-4-5	KA			20	Waveform 8/20µs	
	IEC 61312-1	KA			10	Waveform 10/350µs	
Voltage			80 V			@ DC IN Port (6kV/3kA 8/20µs)	
Safety			UL 60950				
Environmental			ETS 300 019				
			RoHS				
Operation Temperature			-40~+70			@ GR-63-CORE	
Humidity		%	5 ~ 95				

* DETAIL LABEL

Text : 굴림(높이:6)

Color : Black

Quality : 은무데드롱

Content :

HFR Part No :EP-ITA0113-0400-050

Serial No :ABTYWWNNNN

- YY : Production Year

- WW: Production Week

- NNNN : Serial No

PN:EP-ITA0113-0400-050
SN:ABTYWWNNNN

26.0

* 주의 *

해칭한 부분 도장하지 말것 (SCALE 1/2)

GROUND BOLT 체결부 도장하지 말것

* MECHANICAL SPECIFICATIONS

Housing : A6061 T6 (DIC 547 Texture(Sanding))

SMA Connector : SMA Ni Plate

7/16 DIN, N Type Connector : SUCO Plate 6μm

Contact & Circle : Silver Plate 7μm

TOLERANCE	Decimal	DATE	2009. 10. 26.
	±0.3	APPROVED BY	J.H.YOUN
MATERIAL	Angle	CHECKED BY	
	±1°	DRAWN BY	K.I.CHO
FINISH	A6061 T6	SCALE	1/1
	DIC 547 Texture(Sanding)	UNIT	mm

		RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
KJ COMTECH CO.,LTD.		
TITLE		
ARRESTOR & BIAS TEE		
A3	DWG NO.	BT00003-8/4
	REVISION	REV.C
	SHEET	1 of 1