

A

B

C

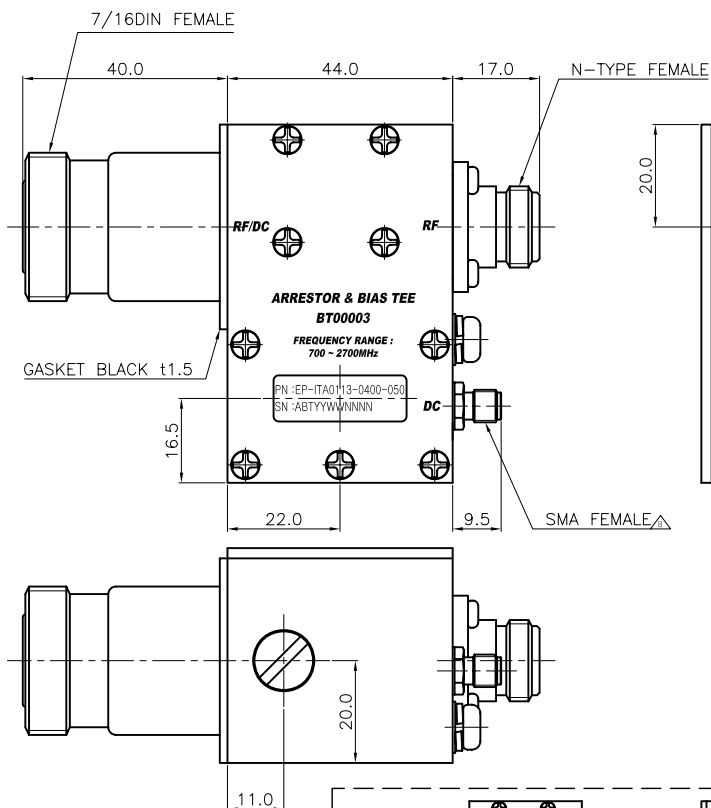
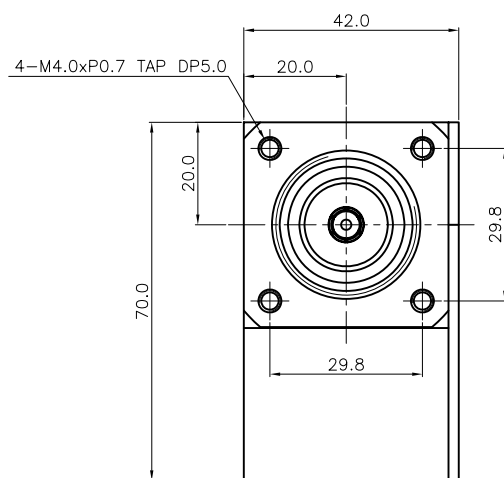
D

A

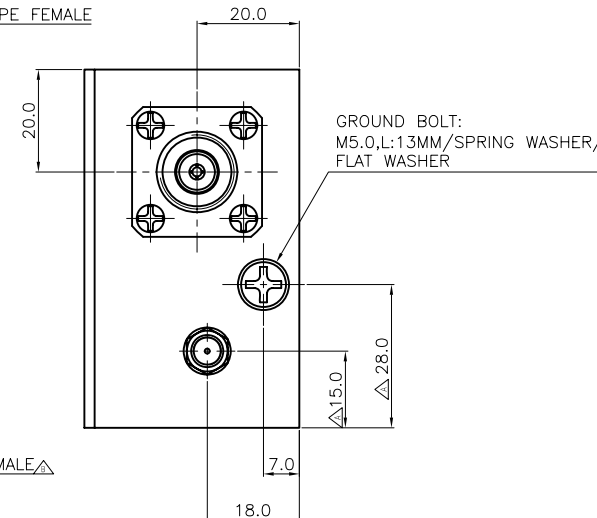
B

C

D



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.
C	카드로그용	2016.03.03.

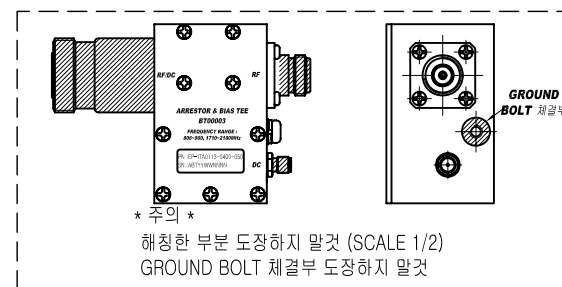


* ELECTRICAL SPECIFICATIONS

Parameters		Unit	Specifications			Comments
			Minimum	Typical	Maximum	
Frequency Range		MHz	700 ~ 2700			CDMA, GSM, WCDMA Multi-Band
In/Out Impedance		Ohm	50			
Insertion Loss		dB			0.15	@ 온도특성 만족
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	
	Current	A			2	
	Pass-band	MHz	2.0	2.176	2.3	@ AISG2.0 Modem
	Insertion Loss	dB			0.15	
	Return Loss	dB	15			@ 2.0 ~ 2.3 MHz
	RF Rejection	dBc	60			@ 806 ~ 2180 MHz
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 8/20 μ s
	IEC 61312-1	KA			10	Waveform 10/350 μ s
전류 Voltage			80 V 미만			@ DC IN Port (6kV/3kA 8/20 μ s)
Safety			UL 60950			부품관리
Environmental			ETS 300 019			
			RoHS			
Operation Temperature		℃	-40~+70			@ GR-63-CORE
Humidity		%	5 ~ 95			

* 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



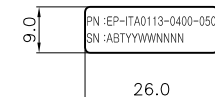
* 주의 *

해칭한 부분 도장하지 말것 (SCALE 1/2)
GROUND BOLT 체결부 도장하지 말것

* DETAIL LABEL

Text : 굴림(높이:6)
Color : Black
Quality : 은무데드롱
Content :

HFR Part No : EP-ITA0113-0400-050
Serial No : ABTYYWWNNNN
- YY : Production Year
- WW : Production Week
- NNNN : Serial No



TOLERANCE	Decimal	DATE		2016. 03. 03.		 KJ COMTECH CO.,LTD.	RF & MICROWAVE- TECHNOLOGY	
	Angle	APPROVED BY		J.H.YOUN			Tel : 82-32-347-8015 Fax : 82-32-347-8011	
MATERIAL	±1°	CHECKED BY		S.L.SON		TITLE	ARRESTOR & BIAS TEE	
	A6061 T6	DRAWN BY		T.J.KIM				
FINISH DIC 547 Texture(Sanding)	SCALE	1/1	UNIT		A3	DWG NO.	BT00003-8/5	
			mm			REVISION	REV.D	SHEET