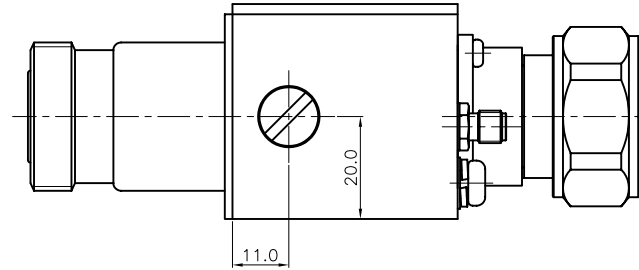
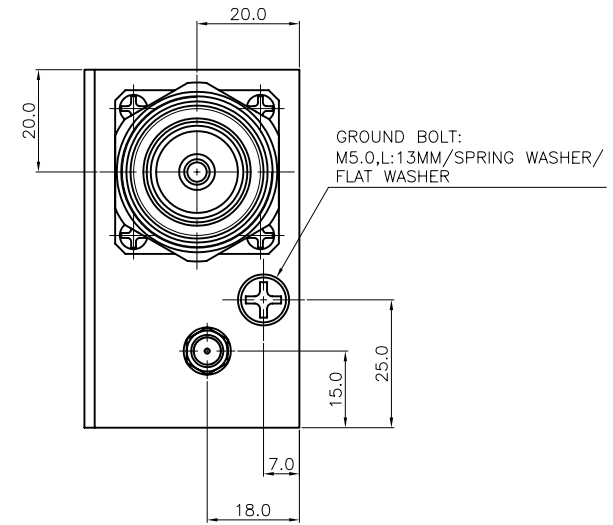
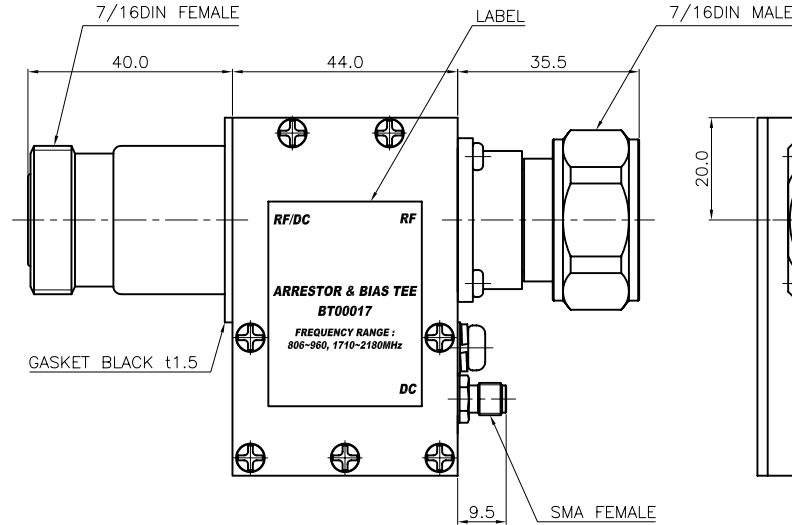
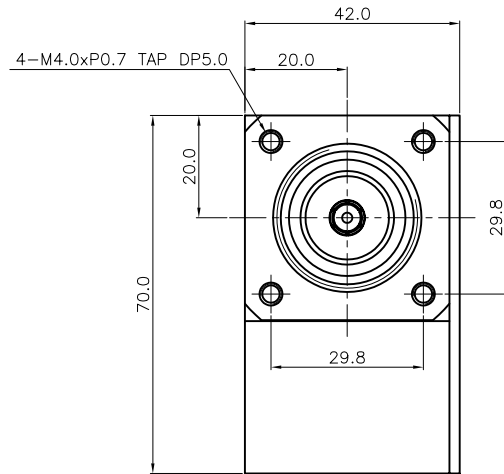


REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1R	Initial Registration	K.I.CHO	J.H.YOUN	2011.01.18.



* 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			@ 온도특성 만족
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 @ 2.0 ~ 2.3 MHz @ 806 ~ 2180 MHz @ 30MHz @ 100MHz @ CDMA Source
	Current	A	2			
	Pass-band	MHz	2.0	2.176	2.3	
	Insertion Loss	dB	0.15			
	Return Loss	dB	15			
	RF Rejection	dBc	60			
RF Power Rating		dBc	10			
		dBc	40			
	Average	W	500			
	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
전류 Voltage			80 V 미만			@ DC IN Port (6kV/3kA 8/20μs)
Safety			UL 60950			부품관리
Environmental			ETS 300 019			
			RoHS			
Operation Temperature		°C	-40~+70			@ GR-63-CORE
Humidity		%	5 ~ 95			

* MECHANICAL SPECIFICATIONS
Housing : A6061 T6 (DIC 547 Texture)
SMA Connector : SMA Ni Plate
7/16 DIN Connector : SUCO Plate 6μm
Contact & Circle : Silver Plate 7μm

TOLERANCE	Decimal	DATE	2011. 01. 18.	 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
	Angle	APPROVED BY	J.H.YOUN	
MATERIAL	±1°	CHECKED BY		TITLE ARRESTOR & BIAS TEE
	A6061 T6	DRAWN BY	K.I.CHO	
FINISH	DIC 547 Texture	SCALE	1/1	DWG NO. BT00017-6/1
		UNIT	mm	REVISION I R SHEET 1 of 1

