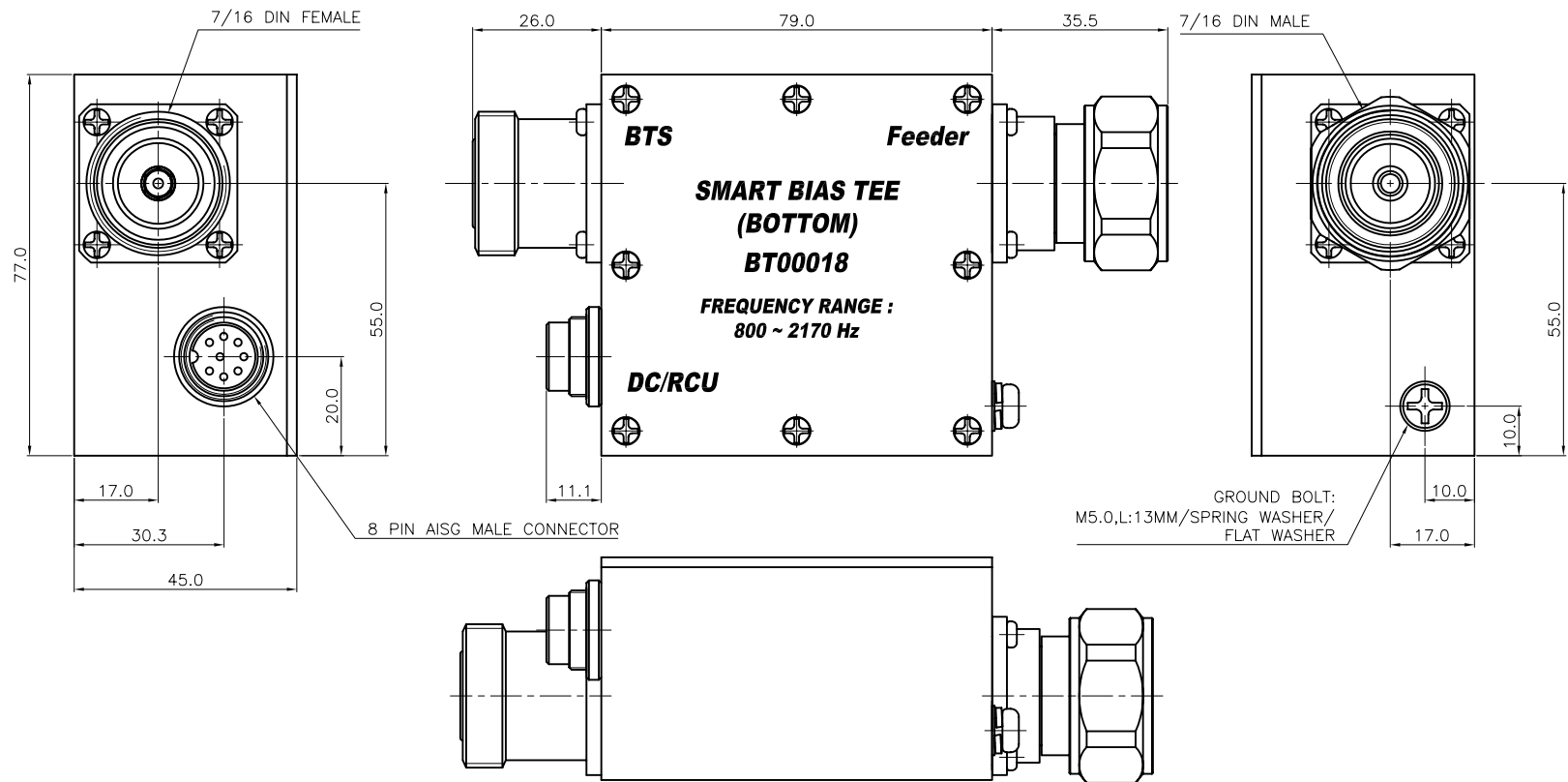


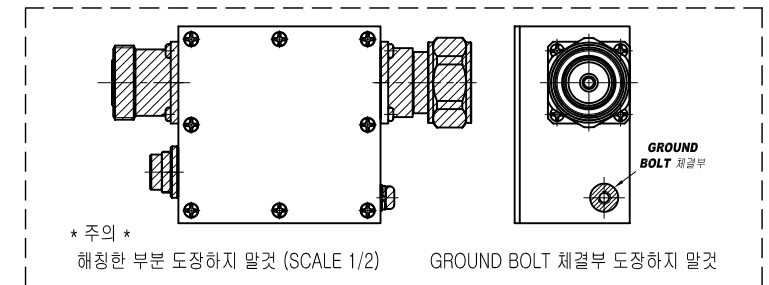
REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1	Initial Registration	K.I.CHO	J.H.YOUN	2011.03.15.



* ELECTRICAL SPECIFICATIONS

Parameters	Unit	Specifications			Comments
		Minimum	Typical	Maximum	
Frequency Range	MHz	800~2170			
In/Out Impedance	Ohm	50			
Insertion Loss	dB			0.15	
VSWR		≤ 1.15 : 1			
Isolation					
1) Port1 - Port2				60	@DC and RCU Signal
2) Port 1 - Port DC/RCU				60	
Passive IMD	2G/3G	dBc	155		@ 2 x 20W
DC IN	Voltage	V	10	27	
	Current	A		2.5	
RF Power Rating	Average	W		750	@ 800~2170
Lighting Portection	KA			3	Waveform 10/350μs
IP Rating			IP67		
Operation Temperature			-40~+60		
Modem Carrier Frequency	MHz		2.176		AISG2.0

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



TOLERANCE	Decimal ±0.3 Angle ±1°	DATE 2011. 03. 15.	 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
MATERIAL	A6061 T6	APPROVED BY J.H.YOUN	
FINISH	DIC 547 Texture	CHECKED BY K.I.CHO	TITLE SMART BIAS TEE
		DRAWN BY K.I.CHO	DWG NO. BT00018-8/1
		SCALE 1/1	REVISION I R
		UNIT mm	SHEET 1 of 1