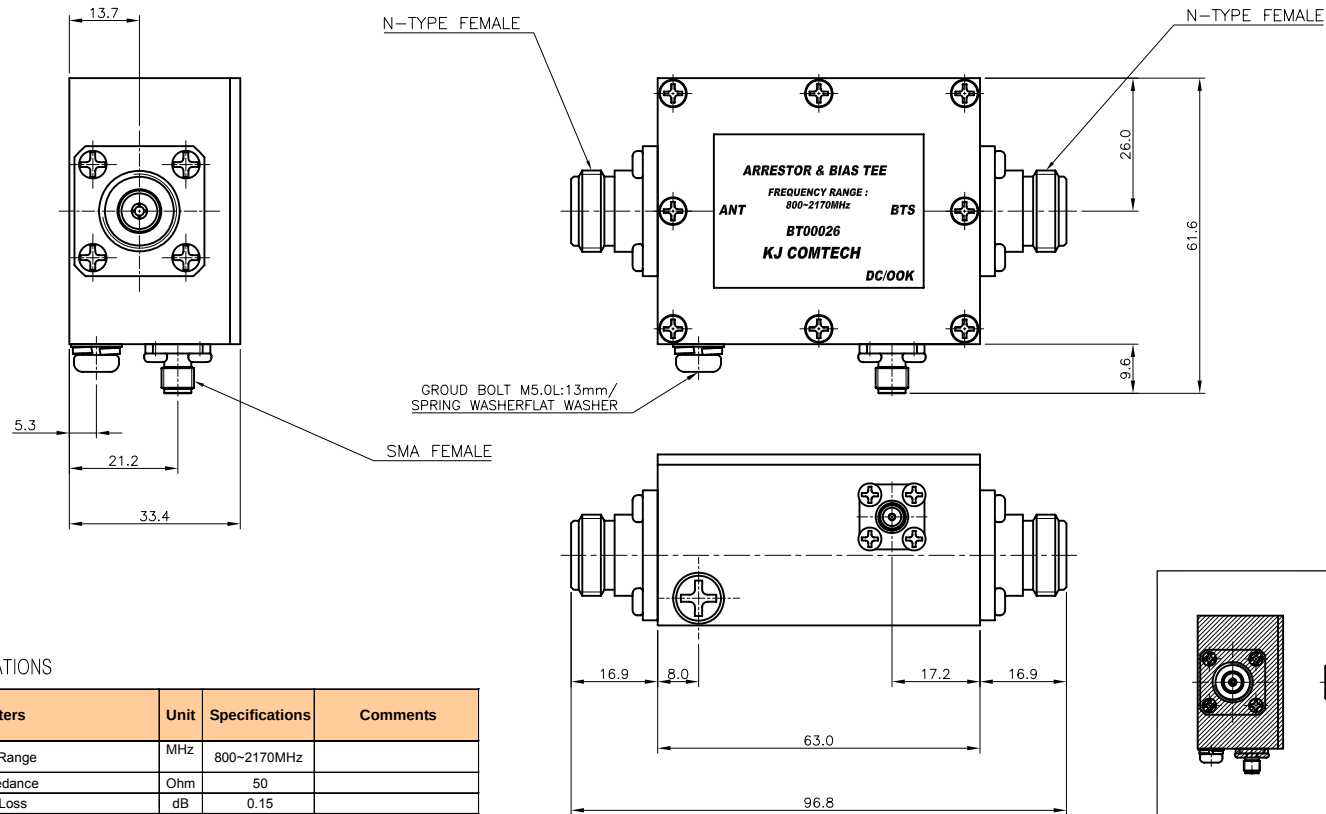


REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1	Initial Registration	S.L.SON	J.H.YOUN	2015.09.03.

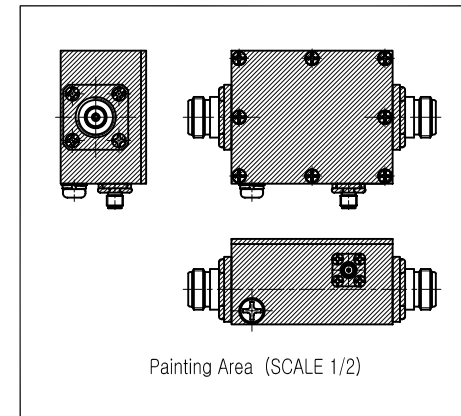


* ELECTRICAL SPECIFICATIONS

Parameters	Unit	Specifications	Comments
Frequency Range	MHz	800~2170MHz	
In/Out Impedance	Ohm	50	
Insertion Loss	dB	0.15	
VSWR		$\leq 1.2 : 1$	
Passive IMD	2G	dBc	155
	3G	dBc	155
			@CW 43dBm * 2tone
Power Handling		W	≤ 100
Isolation- BTS to OOK Port; ANT to OOK Port	30~150MHz	dB	≤ 2
	150~800MHz	dB	≤ 10
	800~950MHz	dB	≤ 60
	950~1700MHz	dB	≤ 40
	1700~2000MHz	dB	≤ 60
	2000~3000MHz	dB	≤ 40
OOK VSWR at OOK and ANT Port		$\leq 2:1$	2.175MHz $\pm$ 400KHz
OOK Insertion loss - OOK to ANT Port		dB	≤ 0.5
Current Handling - OOK to ANT Port		mA	≤ 2300
DC Voltage Reduction - OOK to ANT Port		V	≤ 1 When current is 2300 mA
Lightning Protection		7.5kA	8/20 μ s
Residual Voltage		80 V (MAX)	6kV/3kV, 8/20 μ s
Operation Temperature		°C	-40~+65

* MECHANICAL SPECIFICATIONS

HOUSING : A6061 T6 (DIC 547 Texture)
CONNECTORS : MBsBD (Nickel Plate)
CONNECTORS PINS : Beryllium Copper (Silver Plate)
INSULATORS : TEFLON
IP65



TOLERANCE	Decimal	DATE	2015. 09. 03.
	Angle	APPROVED BY	J.H.YOUN
MATERIAL	$\pm 1^\circ$	CHECKED BY	T.J.KIM
	A6061 T6	DRAWN BY	S.L.SON
FINISH	DIC 547 Texture	SCALE	1/1
		UNIT	mm
		TITLE	ARRESTOR & BIAS TEE
		DWG NO.	BT00026-7/1
		REVISION	REV.C
		SHEET	1 of 1



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