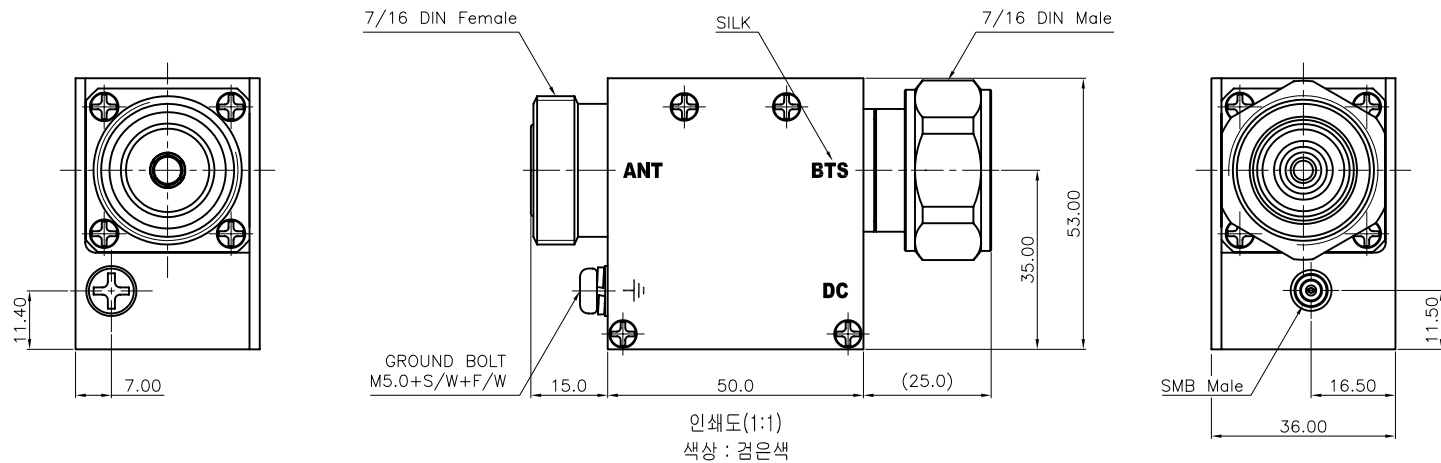


REVISION		
REV	DESCRIPTION	DATE
I R	Initial Registration	2009.08.24.



* ELECTRICAL SPECIFICATIONS

Item	Model. CPL-100-3-NF-B
Frequency Range	800 ~ 2500 MHz
Insertion Loss	0.1dB(800~2200MHz) 0.15dB(2200~2500MHz) (BTS↔Antenna)
Impedance	50 Ω
VSWR	1.2:1
Isolation	BTS↔Antenna:>60dB(DC) BTS↔< DC:>60dB(DC)
PIMD	< - 155 dBc @2Tone(1Tone=43dBm)
Input Power (avg.)	BTS:<250W(800~2500MHz) DC:<1000mA/0~+30VDC
Connectors	BTS : 7-16Male Antenna : 7-16 F-male Port DC : SMB Male
Lightning Protection	5kA,8/20μs plus
Operating Temperature	-40°C ~ +70°C
Size (Without Connectors)	53 x 50 x 36 mm (without connector)

* MECHANICAL SPECIFICATIONS

Housing : A6061 T6 (DIC 547 Texture)
SMA Connector : SMB Gold Plate
7/16 DIN Connector : SUCO Plate 6μm
Contact & Circle : Silver Plate 7μm

TOLERANCE	Decimal ±0.3	DATE	2009. 08. 24.
	Angle ±1°	APPROVED BY	J.H.YOUN
MATERIAL	A6061 T6	CHECKED BY	M.H.LEE
		DRAWN BY	K.I.CHO
FINISH	DIC 547 Texture	SCALE	1/1
		UNIT	mm
		TITLE	ARRESTOR & BIAS TEE
		DWG NO.	BT00009-8/1
		REVISION	I R SHEET 1 of 1

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