

RETRACTED BOTTOM HELICAL ANTENNA

VENDER : SB TELCOM CO.

ELECTRICAL DATA

Freq. Band

AMPS Band

Transmit Band : 824 ~ 849MHz

Receive Band : 869 ~ 894MHz

GPS Band : 1575.42MHz

PCS Band

Transmit Band : 1850 ~ 1910MHz

Receive Band : 1930 ~ 1990MHz

Impedence

Normal Value : 50Ω

VSWR(Free Space)

Retracted Less than 2.5 : 1

Extended Less than 2.5 : 1

Gain

Retracted Greater than -4dBd

Extended Greater than -3dBd

(dBd : dB relative to a dipole)

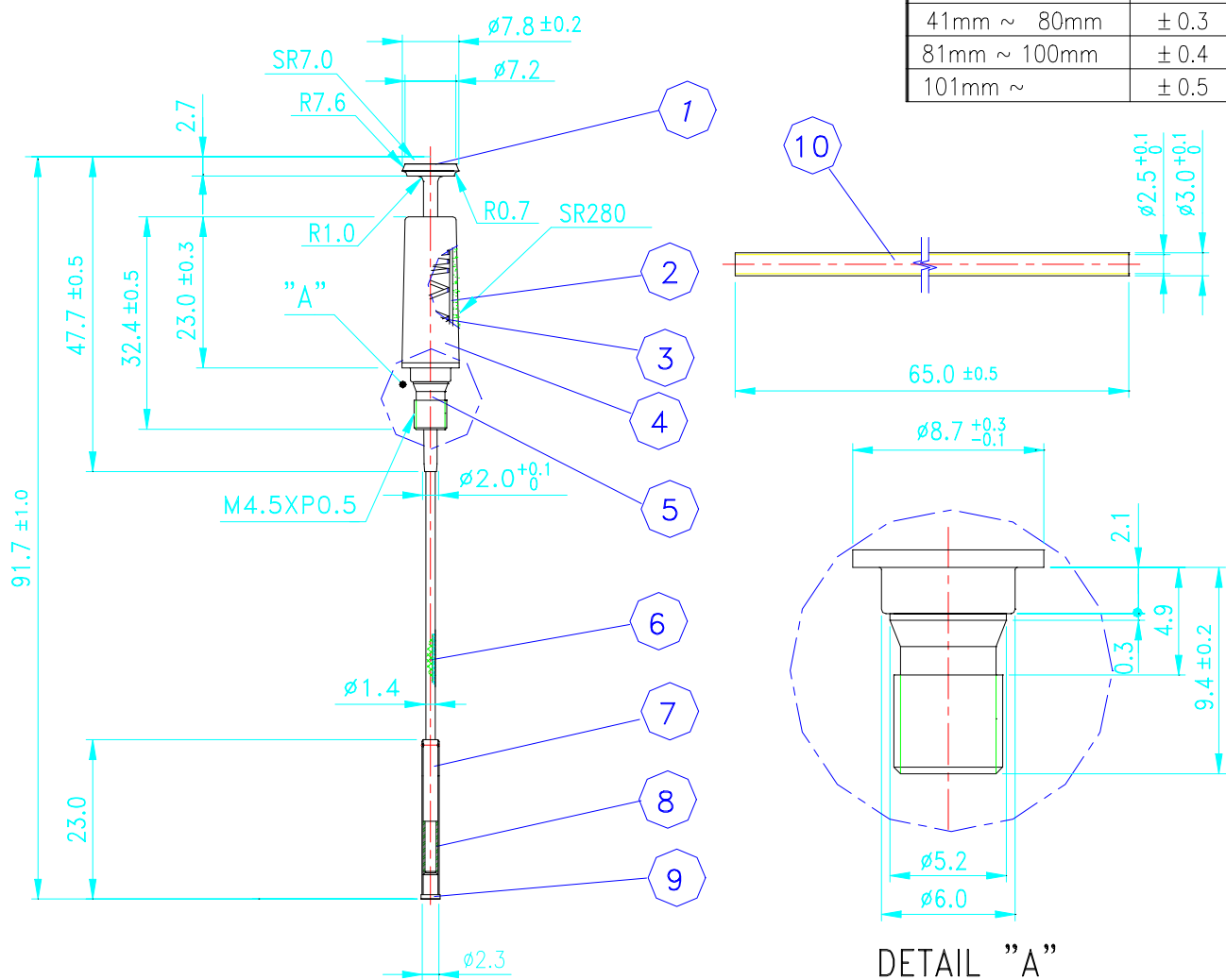
Maximum Lobe Tilt

Retracted 45°

Extended 45°

AMEND	MRK.	DATE	REVISION	SIGN

DIMENSION	LIMITS
1mm ~ 20mm	± 0.1
21mm ~ 40mm	± 0.2
41mm ~ 80mm	± 0.3
81mm ~ 100mm	± 0.4
101mm ~	± 0.5



10	TSS-1061	TUBE	P.P	1	COLOR : B/K
9	RSS-1065	METAL ROD	BRASS (BsBM2)	1	Ni PLATED
8	RSS-1064	METAL ROD	BRASS (BsBM2)	1	Ni PLATED
7	ESS-9002	ELEMENT(ROD)	SUS	1	
6		WIRE	Ni-Ti	1	φ0.88 X 47.0L
5	RSS-1066(A)	METAL ROD	BRASS (BsBM2)	1	Ni PLATED
4	NSB149-01	PIPE	POLYURETHANE	1	COLOR : BLUE
3	SS-9043	SPRING	STEEL WIRE (φ0.4압연)	1	Ni PLATED
2	ASS-1016-01	BOBBIN	NYLON 1015CRA	1	COLOR : BLUE
1	KNB-29	KNOB	NYLON 66	1	COLOR : BLUE
NO.	PARTS NO.	NAME	MATERIAL	Q'TY.	REMARKS
DRAW BY		CHECK BY	APPROVE BY	SCALE	UNIT
				N/S	mm
DRAWING CODE NUMBER		MODEL NAME (SPH-N400)		PARTS NAME	
		NSB149-0200800/1900-SS129			