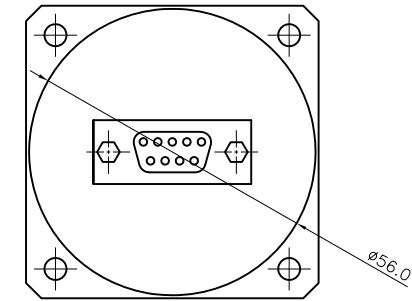
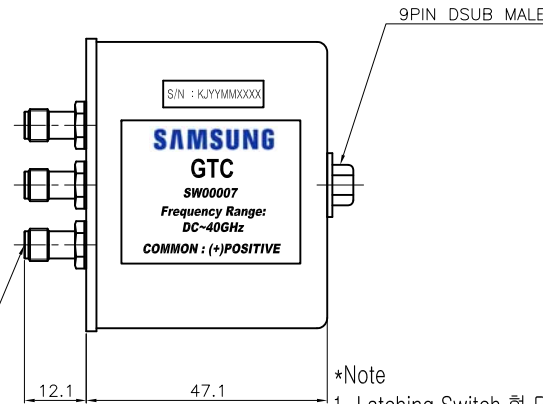
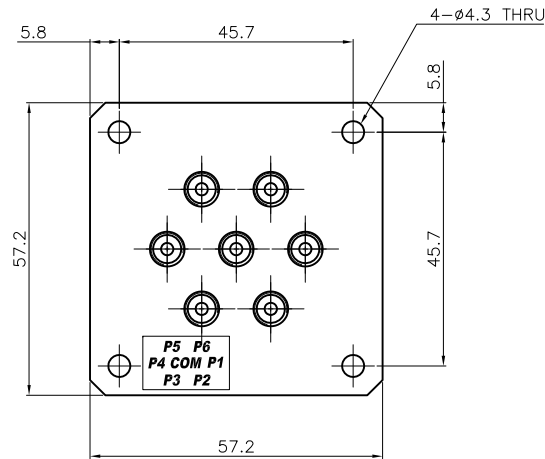


REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1R	Initial Registration	S.L.SON	J.H.YOUN	2018.11.09.
2	외곽 사이즈 변경 및 고정 홀 변경	S.L.SON	J.H.YOUN	2019.04.23.
3	극성 변경(COMMON : GND -> +)	S.L.SON	J.H.YOUN	2019.06.04.

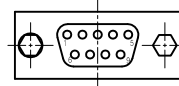


7~2.92mm Female(K CONNECTOR)

* ELECTRICAL SPECIFICATIONS

Parameters		Specification
Frequency Range		DC ~40 GHz
Characteristic Impedance		50 Ω
Actuator Voltage		24 V
Actuator Current (Max.)		130 mA
Reset Current (Max.)		520 mA
Insertion Loss (Max.)	DC~6GHz	0.3 dB
	6~12GHz	0.4 dB
	12~18GHz	0.6 dB
	18~26.5GHz	0.8 dB
	26.5~32GHz	0.8 dB
	32~40GHz	1.4 dB
Isolation (Min.)	DC~6GHz	80 dB
	6~12GHz	75 dB
	12~18GHz	70 dB
	18~26.5GHz	70 dB
	26.5~32GHz	50 dB
	32~40GHz	50 dB
VSWR (Max.)	DC~6GHz	1.25 : 1
	6~12GHz	1.3 : 1
	12~18GHz	1.6 : 1
	18~26.5GHz	1.7 : 1
	26.5~32GHz	1.8 : 1
	32~40GHz	1.95 : 1
Power Handling (Max.)	DC~6GHz	10 W
	6~40GHz	3 W

* 9 Pin DSUB Pin Map (Male)

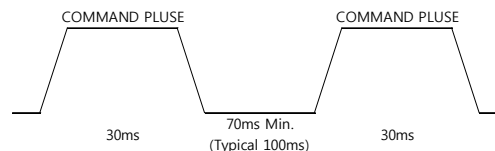


Pin Number	RF Path
1	Port 1
2	Port 2
3	Port 3
4	Port 4
5	Port 5
6	Port 6
7	+COMMON(24V)
8	Reset
9	NC

* Truth Table

Logic Input							RF Path					
1	2	3	4	5	6	R	P1	P2	P3	P4	P5	P6
1	0	0	0	0	0	0	On	Off	Off	Off	Off	Off
0	1	0	0	0	0	0	Off	On	Off	Off	Off	Off
0	0	1	0	0	0	0	Off	Off	On	Off	Off	Off
0	0	0	1	0	0	0	Off	Off	Off	On	Off	Off
0	0	0	0	1	0	0	Off	Off	Off	Off	On	Off
0	0	0	0	0	1	0	Off	Off	Off	Off	Off	On
0	0	0	0	0	0	1	Off	Off	Off	Off	Off	Off

* Switching Time(Min.)



*Note

1. Latching Switch 형 RF Switch는 마지막 조정위치를 유지함.
2. 출력 Port를 변경하는 명령어를 보낼 시 필히 Reset CMD를 통해 초기화 해야 한다.
3. 출력 Port의 변경시 RF 신호는 OFF 상태를 유지해야 한다.
4. Port 조정 CMD 후 최소 70ms 이후 RF 신호가 입력되어야 함.

* MECHANICAL SPECIFICATIONS

ACTUATOR TYPE : LATCHING SWITCH
 SWITCHING SETTING TIME : 30ms
 CONNECTOR : 2.92mm(K Connector)
 HOUSING : A5052 (White Chromate)
 CONNECTORS : SUS(Passivated)
 CONNECTORS PINS : Beryllium Copper (Silver Plate)
 INSULATORS : TEFLON

* DETAIL LABEL

Serial No : KJYYMMNNNN

- YY : Year

- MM: Month

- NNNN : Serial No

TOLERANCE	Decimal ±0.3	DATE	2019. 06. 04.	 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
	Angle ±1°	APPROVED BY	J.H.YOUN	
MATERIAL	MBsBD	CHECKED BY		TITLE RF Switch(Latching)
		DRAWN BY	S.L.SON	
FINISH	-----	SCALE	1/1	DWG NO. SW00007-7/3 REVISION 3 SHEET 1 of 1
		UNIT	mm	