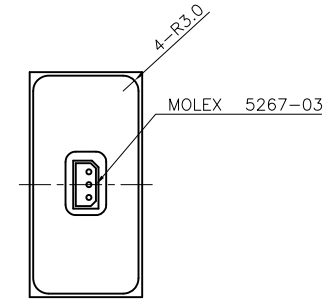
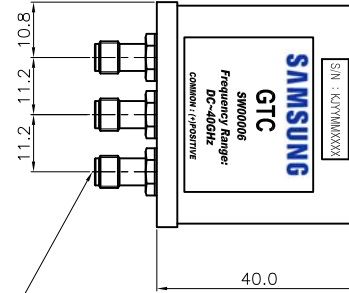
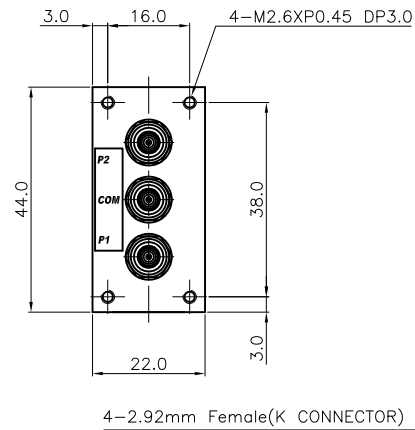


REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1R	Initial Registration	S.L.SON	J.H.YOUN	2019.04.05.
2	극성 변경(COMMON : GND -> +)	S.L.SON	J.H.YOUN	2019.06.04.



* 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	0.5 dB
	18~27GHz	0.6 dB
	27~34GHz	0.7 dB
	34~40GHz	0.8 dB
Isolation (Min.)	DC~6GHz	70 dB
	6~12GHz	60 dB
	12~18GHz	60 dB
	18~27GHz	50 dB
	27~34GHz	50 dB
	34~40GHz	50 dB
VSWR (Max.)	DC~6GHz	1.25 : 1
	6~12GHz	1.4 : 1
	12~18GHz	1.5 : 1
	18~27GHz	1.6 : 1
	27~34GHz	1.8 : 1
	34~40GHz	1.8 : 1
	DC~6GHz	10 W
Power Handling (Max.)	6~40GHz	3 W

* 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 (Gold)
 INSULATORS : PEEK

* 3 Pin Pin Map

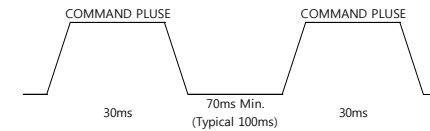


Pin Number	RF Path
1	Port 1
2	Port 2
3	COMMON(+ POSITIVE)

* Truth Table

Logic Input		RF Path	
1	2	P1	P2
1	0	On	Off
0	1	Off	On

* Switching Time(Min.)



*Note

1. Latching Switch 형 RF Switch는 마지막 조정위치를 유지함.
2. 출력 Port의 변경시 RF 신호는 OFF 상태를 유지해야 한다.
3. Port 조정 CMD 후 최소 70ms 이후 RF 신호가 입력되어야 함.

* DETAIL LABEL

Serial No : KJYYMMNNNN
 - YY : Year
 - MM: Month
 - NNNN : Serial No

TOLERANCE	Decimal ±0.3 Angle ±1°	DATE 2019. 06. 04.	 RF & MICROWAVE TECHNOLOGY Tel : 82-32-347-8015 Fax : 82-32-347-8017
MATERIAL	A6061	APPROVED BY J.H.YOUN	
FINISH	-----	CHECKED BY	TITLE RF Switch(Latching)
		DRAWN BY S.L.SON	
	SCALE 1/1	UNIT mm	DWG NO. SW00006-7/2
			REVISION 2
			SHEET 1 of 1