

| REVISION |                      |         |          |             |
|----------|----------------------|---------|----------|-------------|
| REV      | DESCRIPTION          | DRAWN   | APPR     | DATE        |
| IR       | Initial Registration | K.I.CHO | J.H.YOUN | 2011.06.09. |
|          |                      |         |          |             |

#### \* ELECTRICAL SPECIFICATIONS

Frequency Range : 500~2500MHz

Insertion Loss (Max.) : 1.5dB

Return Loss(Min.) : 15dB (PASS LINE)

Isolation (Min.) : 40.0dB

Power Handling (Max.) : 1.0W

Input Power for 1dB compression(Min.): 23dBm

Supply Voltage(VDD) : 2.7~5.5 V

Control Voltage : Low(0~0.5V) / High(2.7~VDD V)

Impedance : 50Ω

#### \* MECHANICAL SPECIFICATIONS

HOUSING : A6061 T6 (White Chromate)

CONNECTORS : MBsBD (Nickel Plate)

CONNECTORS PINS : Beryllium Copper (Gold Plate)

INSULATORS : TEFLON

#### \* Truth Table

| VCTL | RF IN to J1 | RF IN to J2 |
|------|-------------|-------------|
| LOW  | Pass        | X           |
| HIGH | X           | Pass        |

|           |                          |                    |          |                                                                                                                                                                    |
|-----------|--------------------------|--------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TOLERANCE | Decimal                  | DATE 2011. 06. 09. |          | <br>RF & MICROWAVE TECHNOLOGY<br>Tel : 82-32-347-8015<br>Fax : 82-32-347-8017 |
|           | Angle                    | APPROVED BY        | J.H.YOUN |                                                                                                                                                                    |
| MATERIAL  | ±1°                      | CHECKED BY         |          | TITLE<br><b>SWITCH MODULE</b>                                                                                                                                      |
|           | A6061 T6                 | DRAWN BY           | K.I.CHO  |                                                                                                                                                                    |
| FINISH    | White Chromate+Hair line | SCALE              | 1/1      | DWG NO. SW00001-7/1<br>REVISION I R SHEET 1 of 1                                                                                                                   |
|           |                          | UNIT               | mm       |                                                                                                                                                                    |

