

### Features

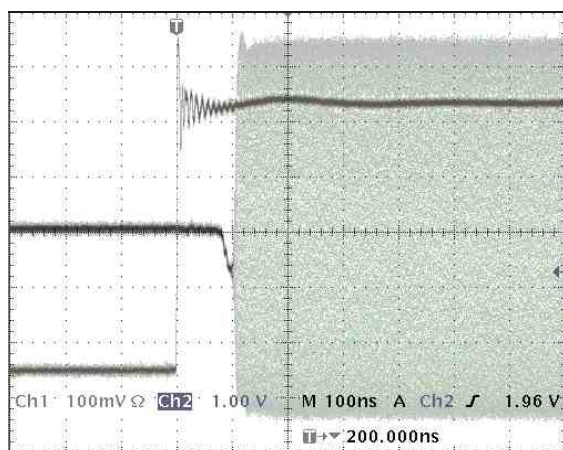
- Compact metal package
- Low insertion Loss. High isolation
- Fast switching speed
- Removable SMA Connectors
- Operating temperature range: -45°C ~ +85°C



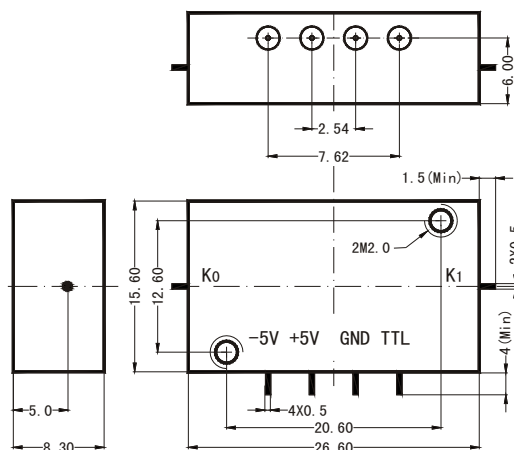
### Specifications (V<sub>CC</sub>=+5V, V<sub>EE</sub>=-5V)

Parameter	Frequency range (GHz)	Insertion loss (dB) Typ/Max	VSWR Typ	Isolation (dB) Typ/Min	Switching Speed (dB)	Notes
SW101	0.5~2	0.8/1.2	1.3	70/65	120	Reflective
SW101B	0.5~2	1.0/1.5	1.3	70/65	120	Absorptive
SW102	1~4	1.0/1.5	1.4	70/65	120	Reflective
SW102B	1~4	1.4/1.8	1.4	70/65	120	Absorptive
SW103	2~8	1.5/2.0	1.7	65/60	120	Reflective
SW103B	2~8	1.8/2.5	1.7	65/60	120	Absorptive
SW104	2~12	2.0/2.5	1.7	65/60	120	Reflective
SW105	2~18	3.0/3.5	2.0	60/55	120	Reflective

### Switching Time



### Outline Drawing



### Application Note:

1. Supply power: +5V@30mA/-5V@30mA
2. High power to 1w (cw)
3. Logic input high (2.5~5V, 1mA Max): on  
Logic input Low (0~0.6V, 3mA Max): off
4. Higher isolation, specified outline drawing and opposite control logic are available
5. Do not cure the lead unduly. Exceed Soldering time (10 second at 280°C) may cause permanent damage
6. 1uF electrolytic capacitance and 0.01~0.1uF chip Capacitance are recommended on the power port to filter the interference