



SP3T LIMITING REFLECTIVE PIN SWITCH SP3T060180R5L

FEATURE:

- Solid State,Mixture Integrated
- High Speed,Low Loss,High Isolation
- Field Removable SMA(F) Connector
- Integrated with Driver

APPLICATION:

- Test equipment
- Radar&Warfare system
- Communication system



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	6		18	GHz
Insertion Loss			4.5	dB
Isolation	50			dB
VSWR			2.1:1	Ratio
Power handling			0.5	watt
Switching Time			50	ns
DC Power supply +5V		90		mA
DC Power supply -5V		60		mA

Note:1.Switching speed:≤ 50 ns (between 10 to 90% RF).

2.Insertion Loss: ≤3.3 dB from 6 to 17 GHz; ≤4.5 dB from 17 to 18 GHz.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+95	°C
Non-operating Temperature	-55		125	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	39*26*12	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



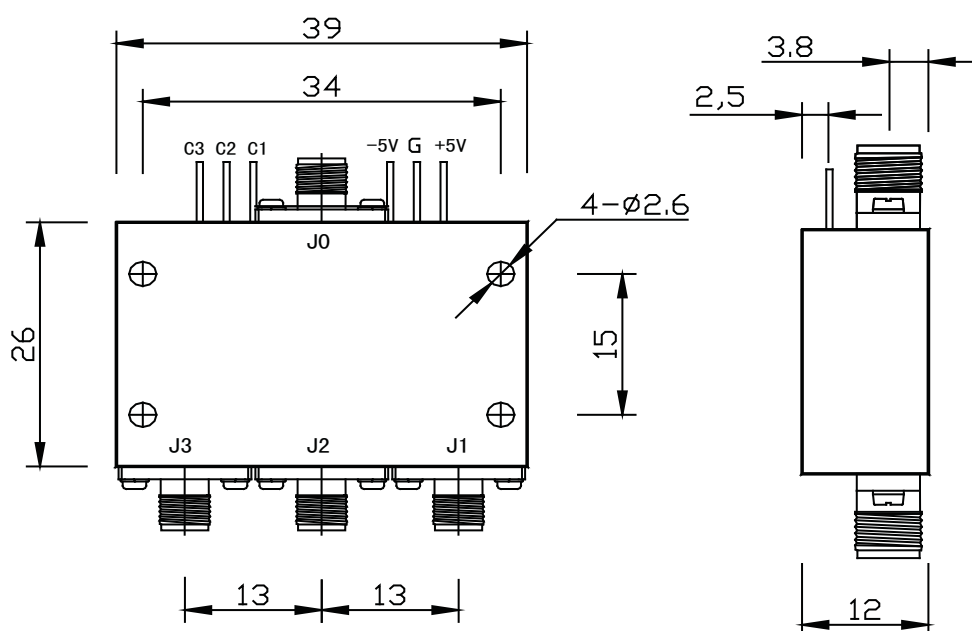
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TTL CONTROL LOGIC

TTL 0 (low) (0 to 0.8 V) :Loss

TTL 1 (high) (2.4 to 4.7 V) :Isolation

OUTLINE DRAWING(mm):



3W1