



SPST REFLECTIVE High Power PIN SWITCH

SPST010020R3H100

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	1		2	GHz
Insertion Loss			0.5	dB
Isolation	30			dB
VSWR			1.4:1	Ratio
Input Power		100		watt
Switching Times		800		ns
DC Power supply +5V		200		mA
DC Power supply -12V		20		mA

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+85	°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	60*60*14	Max	Millimeter
Weight	200	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



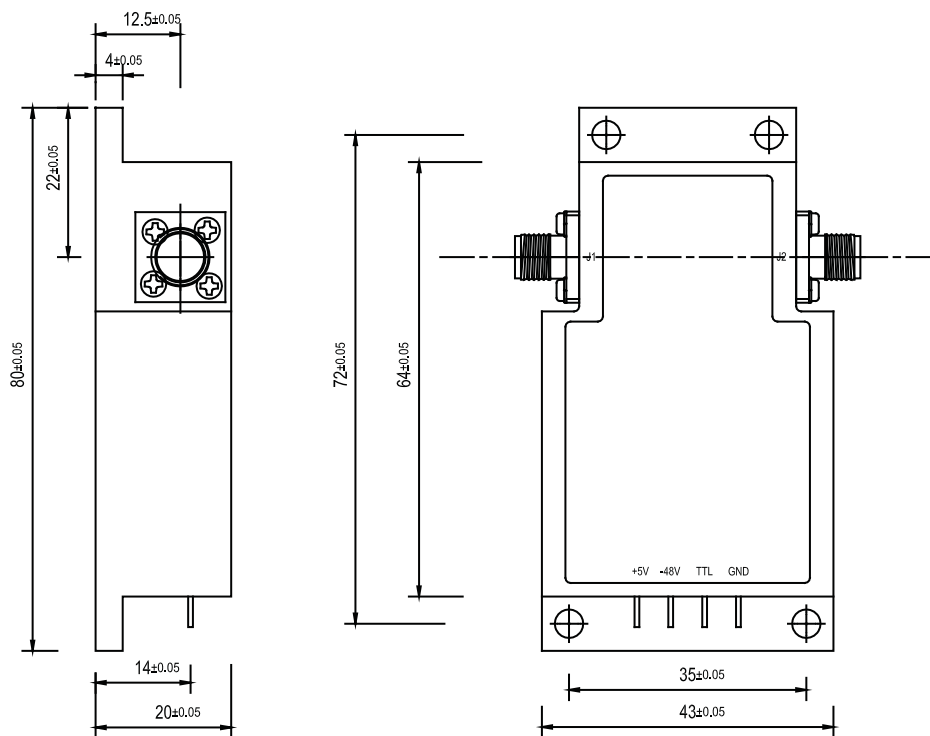
SPST REFLECTIVE High Power PIN SWITCH SPST010020R3H100

TTL CONTROL LOGIC

TTL 0 (low) (0 to 0.8 V) :J0-J1

TTL 1 (high) (2.4 to 4.7 V) :J0-J2

OUTLINE DRAWING(mm):



SW4