



SP10T ABSORPTIVE PIN SWITCH

SP10T005020A6

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	0.5		2	GHz
Insertion Loss		2.8		dB
Isolation	60			dB
VSWR			1.5	Ratio
Power handling			0.2	watt
Switching Time			50	ns
DC Power supply +5V		300		mA
DC Power supply -5V		200		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		

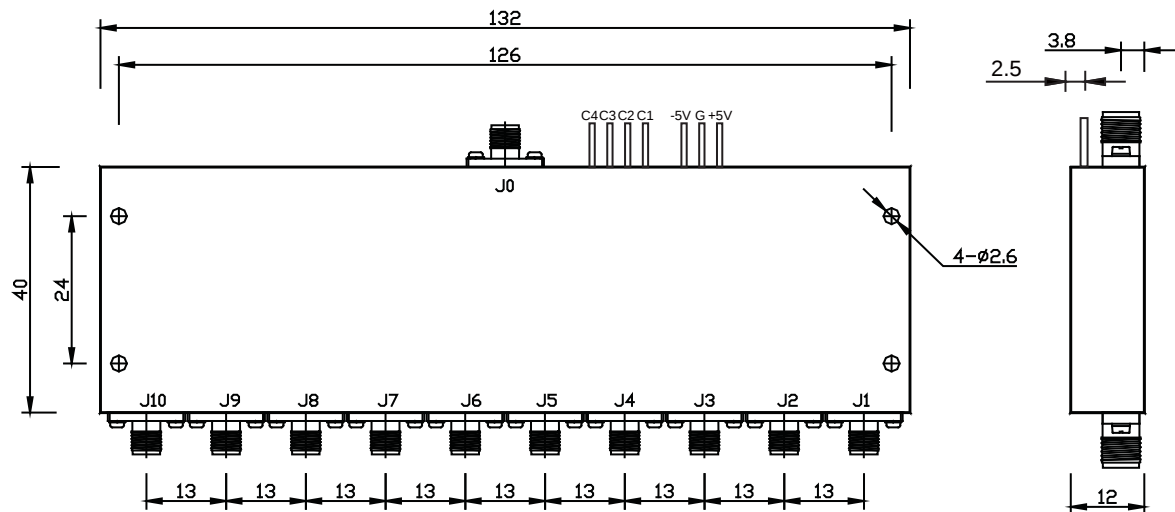
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	132*40*12	Max	Millimeter
Weight	200	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

CONTROL TRUE TABLE:

C4	C3	C2	C1	THROUGH
0	0	0	0	JO-J1
0	0	0	1	JO-J2
0	0	1	0	JO-J3
0	0	1	1	JO-J4
0	1	0	0	JO-J5
0	1	0	1	JO-J6
0	1	1	0	JO-J7
0	1	1	1	JO-J8
1	0	0	0	JO-J9
1	0	0	1	JO-J10

OUTLINE DRAWING(mm):



10W1