



HIGH SPEED HIGH POWER WAVEGUIDE SWITCH

SPDT093095H70KW

FEATURE:

- Solid State,Mixture Integrated
- High Speed,Low Loss,High Isolation Integral with Driver
- Field Removable SMA(F) Connector
- Operating Temperature:-55~+85°C
- Contorl:TTL“0”Loss,TTL“1”Isolation

APPLICATION:

- Test equipment
- Radar&Warfare system
- Communication system

ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	9.3		9.5	GHz
Insertion Loss			0.8	dB
Isolation	60			dB
VSWR			1.3	Ratio
Input Power Peak	70			KW
Input power Avg	70			Watt
Switching Times		3	6	us
DC Power supply		+15		Volt
DC Power supply		2000		mA

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-25		+70	°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:

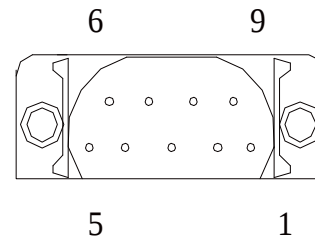
Parameter	Value	Limits	Units
Dimensions	258*166.28*70.22	Max	Millimeter
Weight	200	Max	gram
Waveguide Connectors Input	BJ100		
Waveguide Connectors output	BJ100		
Impedance	50		ohms

Waveguide ports can be based on customer specification.

TTL CONTROL LOGIC

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

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



PIN ASSIGNMENT:

PIN	DESCRIPTION	PIN	DESCRIPTION
1	GND	9	GND
2	A	8	TTL1
3	U	7	+15V
4	B	6	TTL2

OUTLINE DRAWING(mm):

