



BROAD BAND HIGH POWER HIGH SPEED SWITCH

SPST008009R4H13K

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“1”Loss,TTL“0”Isolation

APPLICATION:

- Test equipment
- Radar&Warfare system
- Communication system



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	0.8		0.9	MHz
Insertion Loss			0.6	dB
Isolation	45			dB
VSWR			1.3:1	Ratio
Switching Speed		5		us
Power handling		1.8		KW
Power handling average		300		Watt
DC Power supply +5V		200		mA
DC Power supply -50V		40		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	208*91.5*91.5	Max	Millimeter
Weight	1000	Type	gram
RF Connectors Input	7/16		
RF Connectors output	7/16		
Impedance	50		ohms



BROAD BAND HIGH POWER HIGH SPEED SWITCH

SPST008009R4H13K

TTL CONTROL LOGIC

TTL 0 (low) (0 to 0.8 V) : for Isolation

TTL 1 (high) (2.4 to 4.7 V) : for Loss

OUTLINE DRAWING(mm):

