



SPDT HIGH POWER HIGH SPEED SWITCH

SPDT002050R6H100

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	0.2		5	MHz
Insertion Loss			0.8	dB
Isolation	60			dB
VSWR			1.5	Ratio
Power handling Average		100		watt
Switching Time		0.8		us
DC Power supply +5V		200		mA
DC Power supply -100V		50		mA

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-40		+70	°C
Non-operating Temperature	-45		+85	°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	38*78*20	Max	Millimeter
Weight	200	Typical	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms



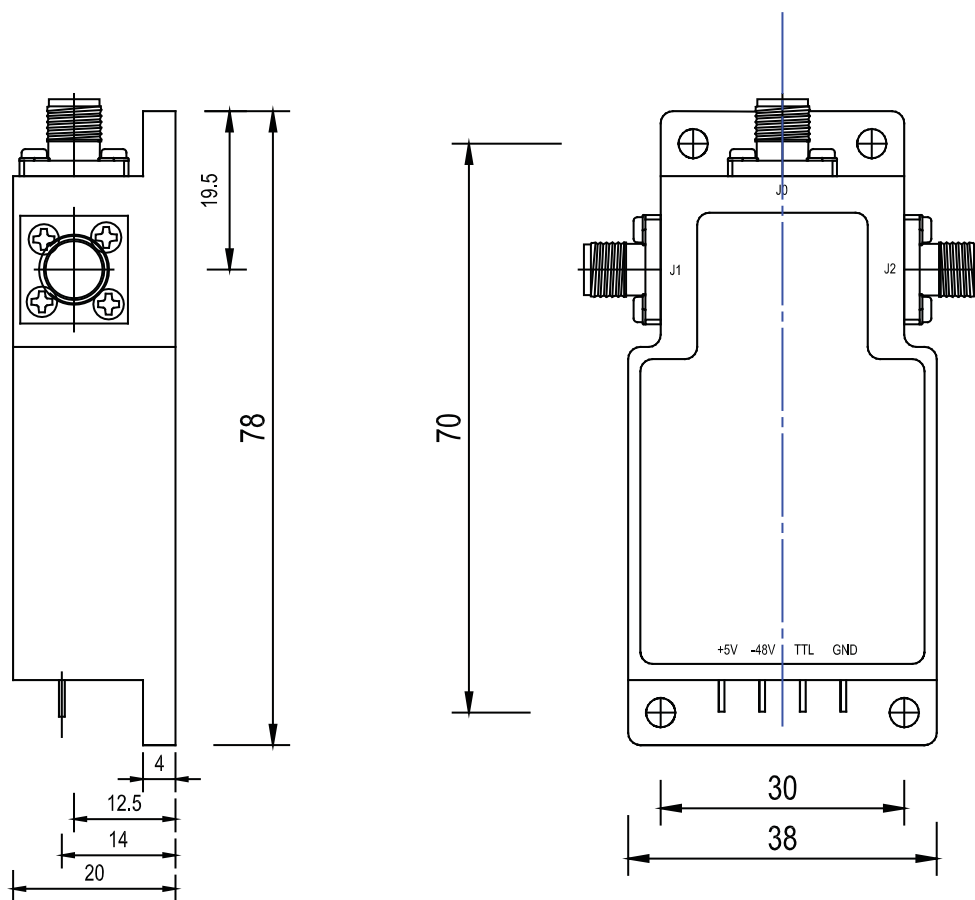
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TTL CONTROL LOGIC

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

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

OUTLINE DRAWING(mm):



DW5