

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		18	GHz
Insertion Loss		2.5		dB
Isolation	60			dB
VSWR			2.2	Ratio
Power handling			0.5	watt
Switching Time			50	ns
DC Power supply +5V		60		mA
DC Power supply -5V		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	30*20*12	Max	Millimeter
Weight	50	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

TTL 0 (low) (0 to 0.8 V) : Loss
TTL 1 (high) (2.4 to 4.7 V) : Isolation

Technical drawing of the PCB module showing top and side views with dimensions and labels.

Top View Dimensions:

- Overall width: 30
- Overall height: 26
- Distance from top edge to J0: 16
- Distance from left edge to J2: 2-Ø2.6 (indicated by a leader line)
- Pin labels at bottom: C1, C2, G, -5v, +5v
- Internal labels: J0, J1, J2

Side View Dimensions:

- Module height: 20
- Distance from bottom edge to J1: 2,5
- Distance from left edge to J1: 12
- Top connector width: 3,8

Technical drawing of a 2-position, 2-way solenoid valve. The drawing includes a front view (left) and a side view (right).

Front View (Left):

- Overall width: 30
- Overall height: 20
- Internal width between mounting points: 25
- Mounting points labeled J1 and J2.
- Top mounting point labeled J0.
- Two Ø2.2 holes are indicated for mounting.
- Bottom mounting points are shown with threaded connections.

Side View (Right):

- Overall width: 12
- Overall height: 3,8
- Top mounting point labeled J0.
- Bottom mounting points are shown with threaded connections.

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