

APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> • Test equipment • Radar & Warfare system • Communication system 	<ul style="list-style-type: none"> • Solid State, Mixture Integrated • High Speed, Low Loss, High Isolation Integral with Driver • Field Removable SMA (F) Connector • Operating Temperature:-55~+85°C • Control: TTL"0"Loss, TTL"1"Isolation

ELECTRICAL SPECIFICATIONS @25°C:

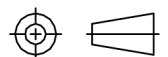
Parameter	Min	Typical	Max	Units
Frequency Range	0.5		2	GHz
insertion Loss			1.3	dB
Isolation	55			dB
VSWR			1.7	Ratio
Power Handling (CW)			1	Watt
Power Handling (Pulse)			50	Watt
DC Power Supply—5V		110		mA
DC Power Supply—15V		110		mA

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Operating Temperature	-20		+70	°C
Non-operating Temperature	-40		+85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Air bone		

All Features is customizable Based on Customer Request

Part Number: **SI411-0526M**



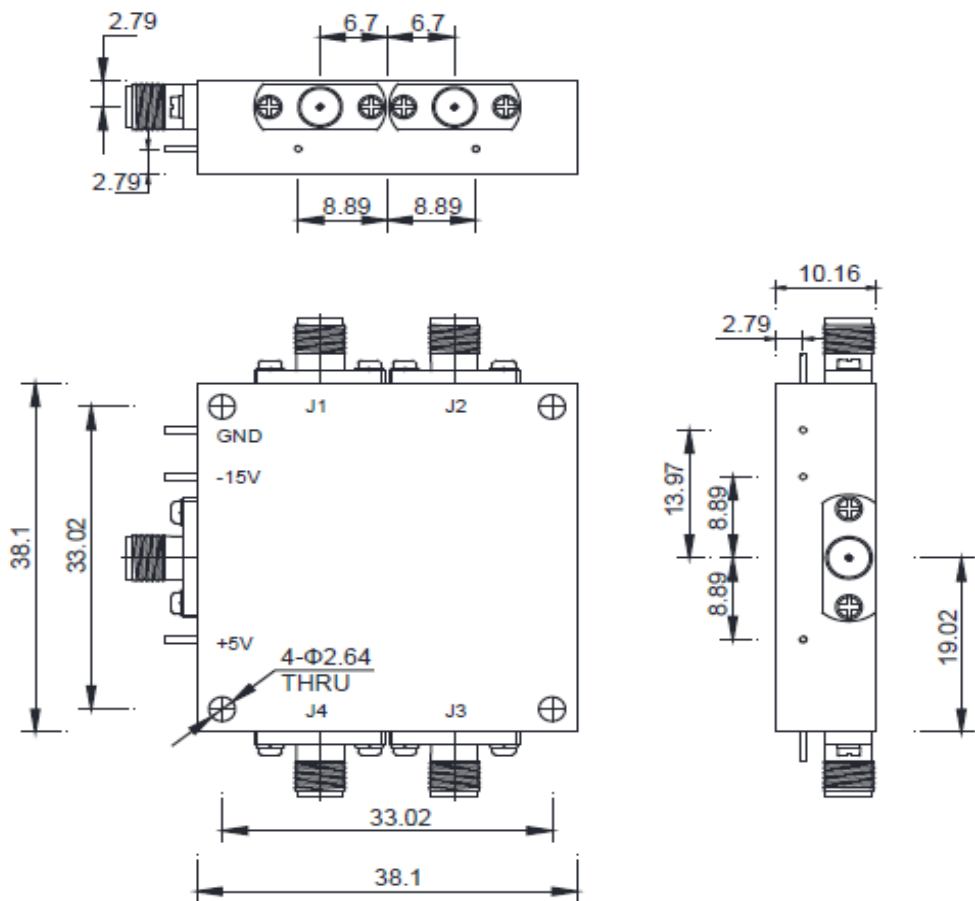
MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions (L*W*H)	38.1*38.1*10.16	Max	Millimeter
Weight	100	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		Ohms

TTL CONTROL LOGIC

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

OUTLINE DRAWING (mm):



4W14

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