

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

### ELECTRICAL SPECIFICATIONS @25°C:

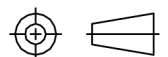
Parameter	Min	Typical	Max	Units
Frequency Range	0.8		6	GHz
insertion Loss			2	dB
Isolation	50			dB
VSWR			1.8	Ratio
Switching Speed		80		ns
Power Handling Average		2		Watt
DC Power Supply +5V		50		mA
DC Power Supply -12V		20		mA

### 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)		Air bone		

All Features is customizable Based on Customer Request

Part Number: **SI411-0865M**



PAGE

**1 of 2**

Date

2021/09/11



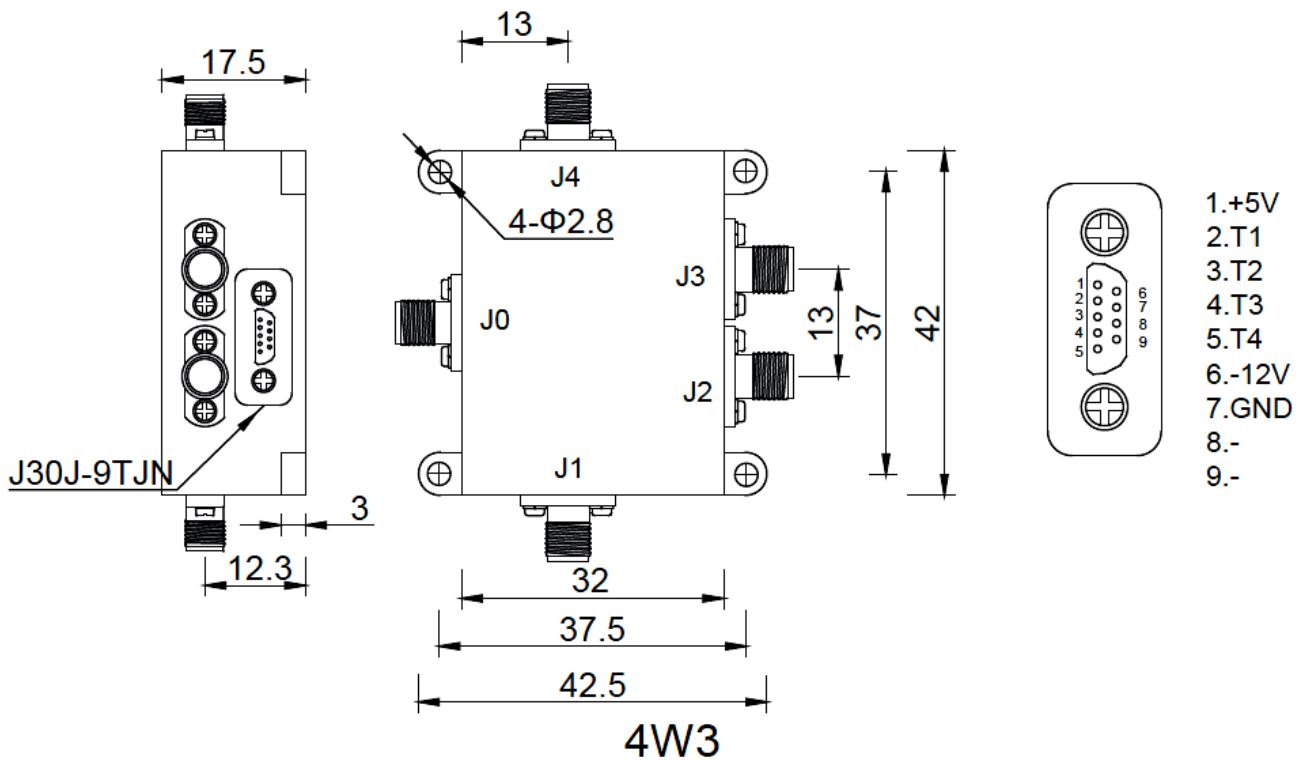
## MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions (L*W*H)	32*42*17.5	Max	Millimeter
Weight	200	Max	gram
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		Ohms

## TTL CONTROL LOGIC:

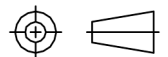
- TTL 0 (low) (0 to 0.8 V) : Loss
- TTL 1 (high) (2.4 to 4.7 V) : Isolation

## OUTLINE DRAWING (mm):



All Features is customizable Based on Customer Request

Part Number: **SI411-0865M**



PAGE

2 of 2

Date

2021/09/11

