

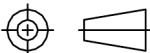

APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> • Test equipment • Radar & Warfare system • Communication system 	<ul style="list-style-type: none"> • Solid State, Mixture Integrated • High Speed, Low Loss, High Isolation Integral with Driver • Field Removable SMA (F) Connector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

ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	0.8		6	GHz
insertion Loss			2.5	dB
Isolation	45			dB
VSWR			1.8	Ratio
Switching Speed		200		ns
Power Handling Average		10		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: SI411-0864M	
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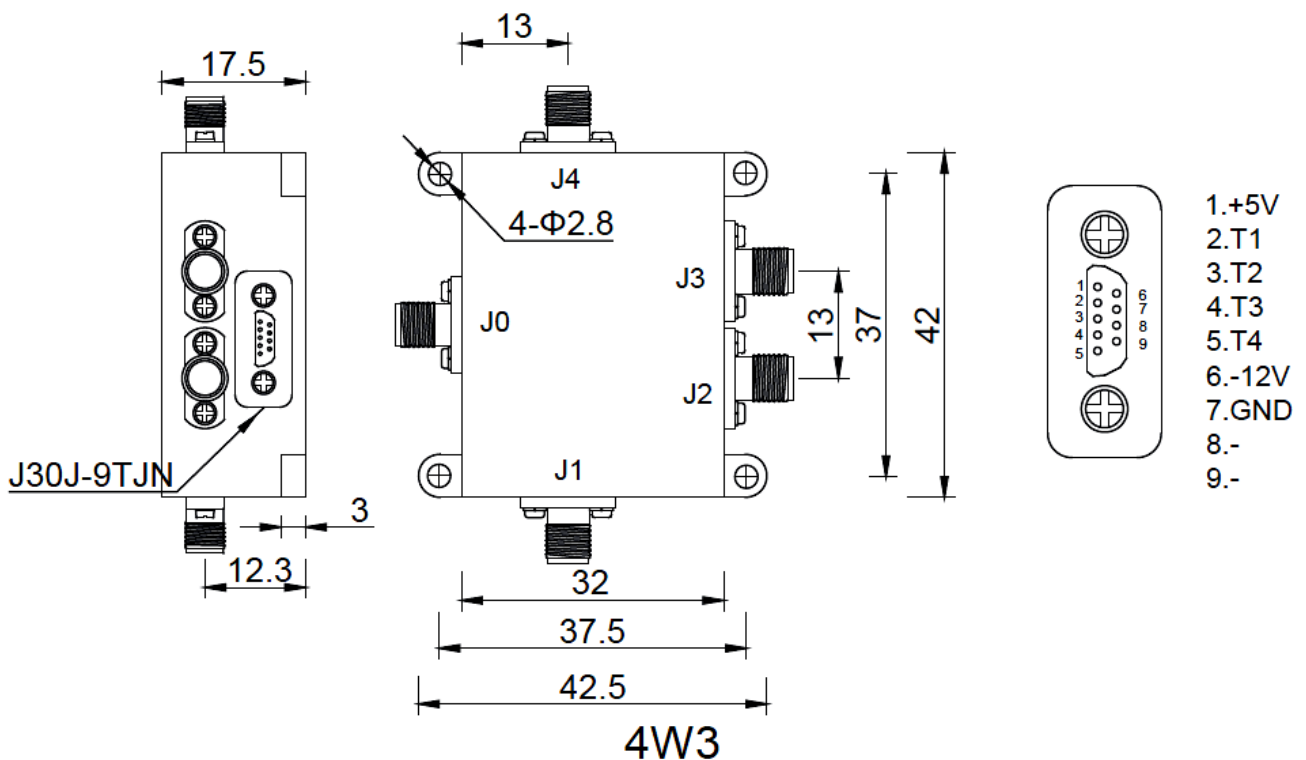
MECHANICAL SPECIFICATIONS:

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:

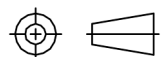
- TTL 0 (low) (0 to 0.8 V) : Loss
- TTL 1 (high) (2.4 to 4.7 V) : Isolation

OUTLINE DRAWING (mm):



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