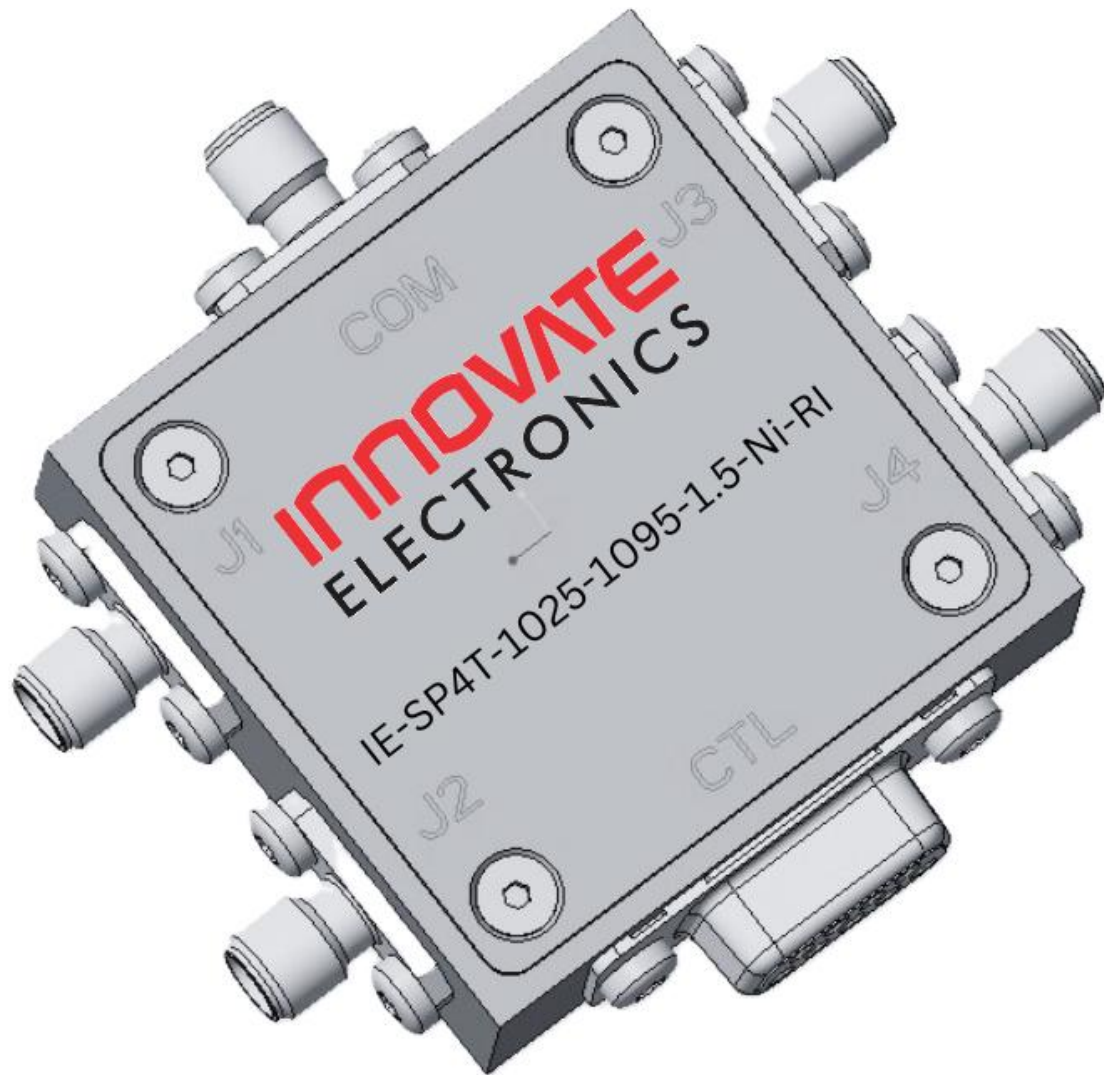


## SP4T SOLID STATE SWITCH

Model No: IE-SP4T-1025-1095-1.5-Ni-Rf



## APPLICATION

Multiple Receiver Systems

Redundancy and Reliability

Test and Measurement

## FEATURES

High switching speed

Wide frequency range

100% Tested

Low insertion loss

## SPECIFICATION and OUTLINE DRAWING

### Electrical Information

PARAMETER	SPECIFICATION
Frequency Band	1025-1095 MHz
VSWR	1.4:1
Insertion loss	1.5dB
Isolation	40dB
Switching Speed	5 uS (Max.)
Input power	10W CW, 100W Peak
DC Voltage	+5V @400mA (Max)

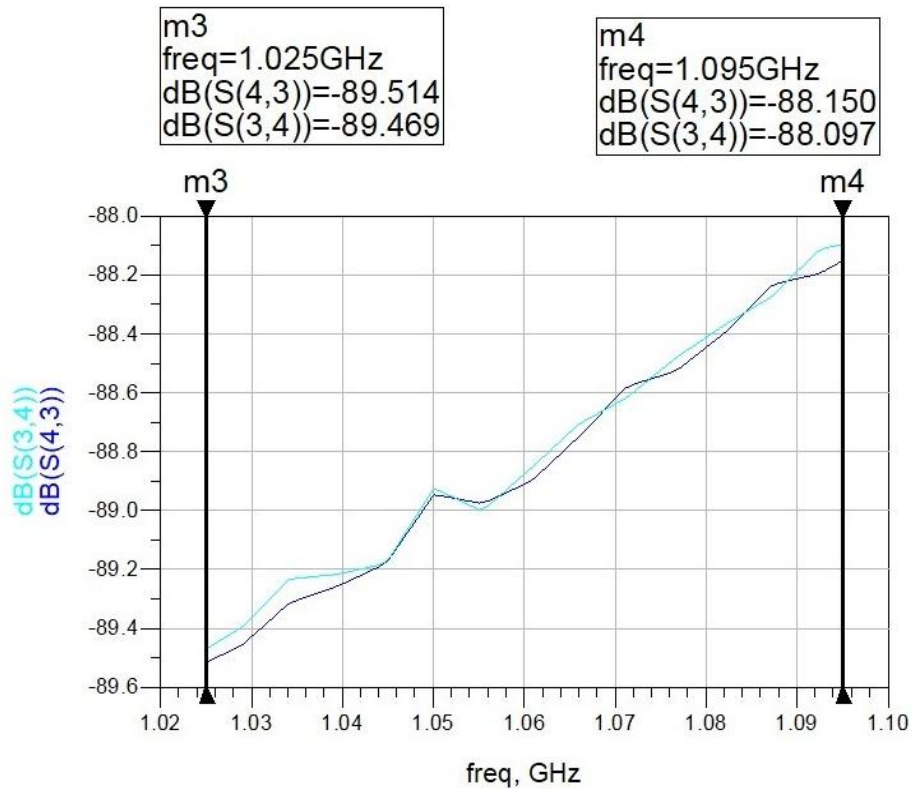
### Mechanical Information

ITEM	DESCRIPTION
RF Connectors	SMA (F)
Power and control	9 Pin D Sub Connector
Control Signal	RS422 INTERFACE

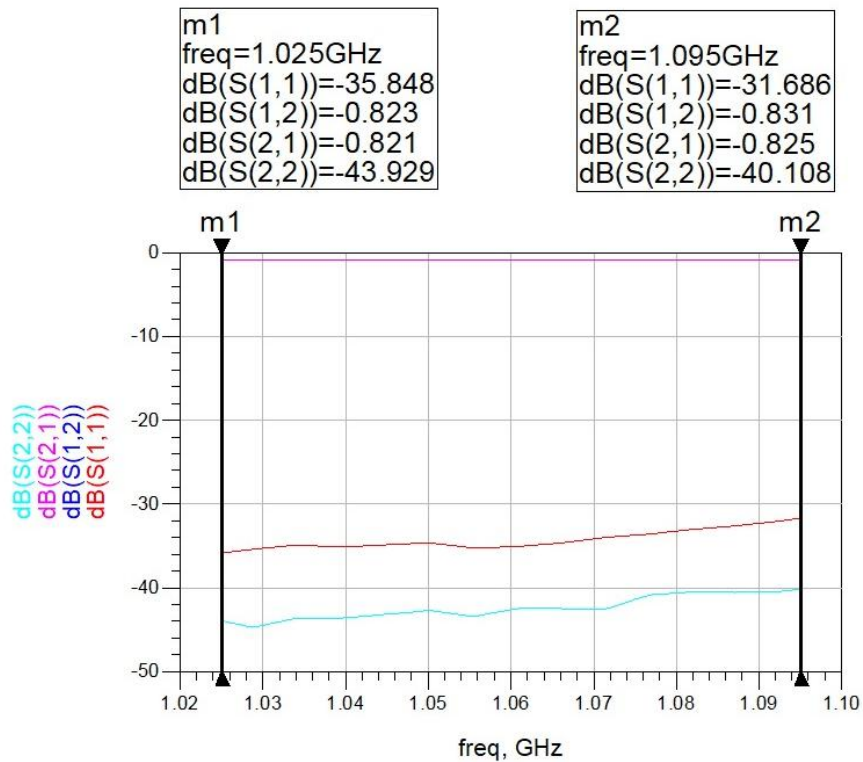
### Material Outline

ITEM	DESCRIPTION
Dimension	45x45x15 mm
Body Material	EL NICKEL

## TYPICAL PERFORMANCE PLOTS

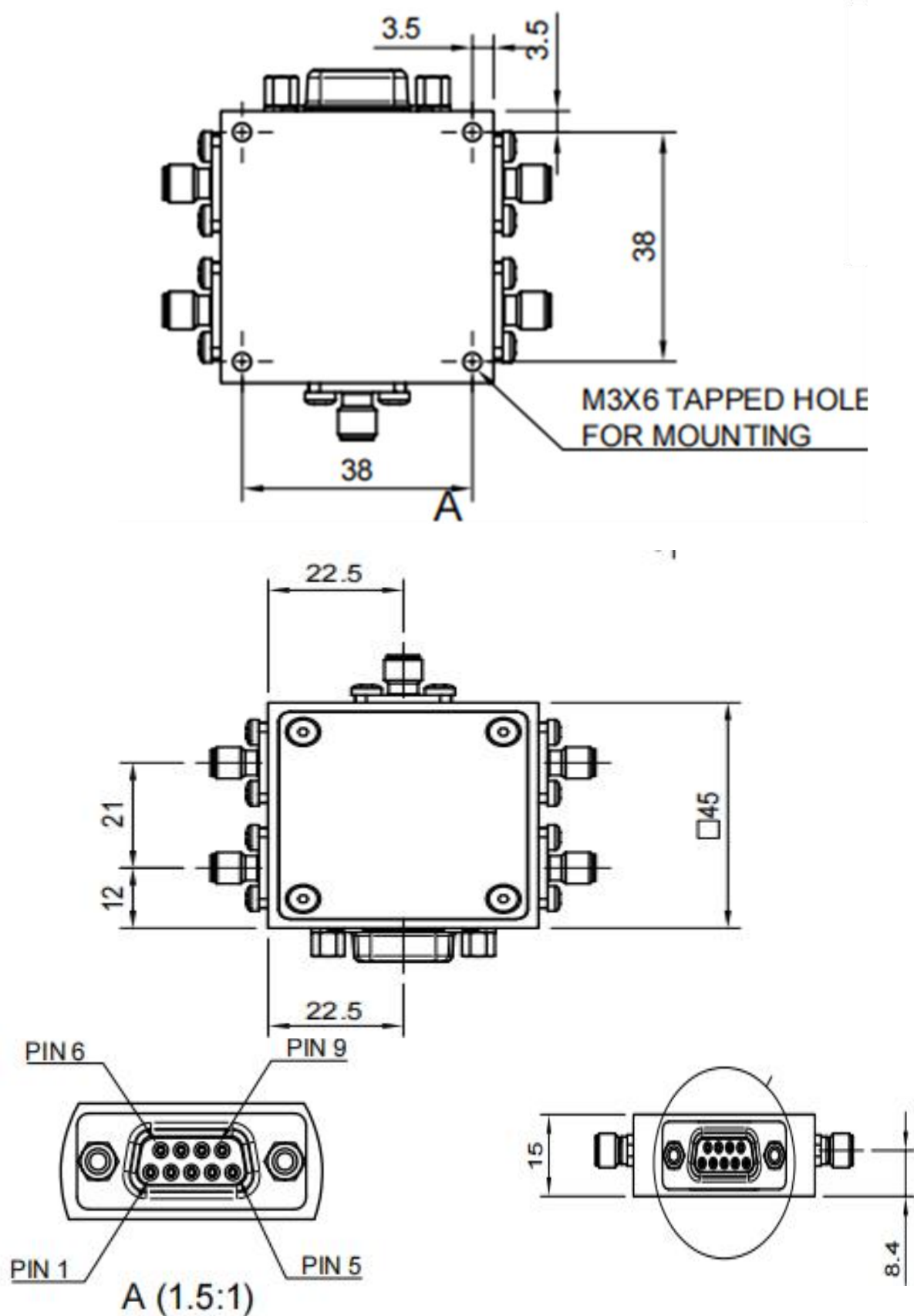


Off Path- Isolation



Input/Output Port RL, and On Path IL

## OUTLINE DRAWING



## NOMENCLATURE

SP4T SOLID STATE SWITCH	Type	FRQ	IL	M	-Mod
Ex: IE-SP4T-1025-1095-1.5-Ni-RI	SP4T	XX	1.5	Ni	RI
<b>Number of Ports</b> 1 to 4 Input; 1to 16 Output port					
<b>Frequency Range:</b> 1025 to 1095 in MHz					
<b>Switching Speed:</b> 1 to 10 uS					
<b>Insertion loss:</b> 0.5 to 1.5 dB					
<b>Material (M):</b> Ni = EL NICKEL or Al = Aluminium					
<b>Reference</b> RI or RE or XE or SX					



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