

Features

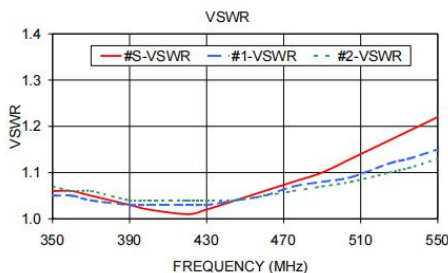
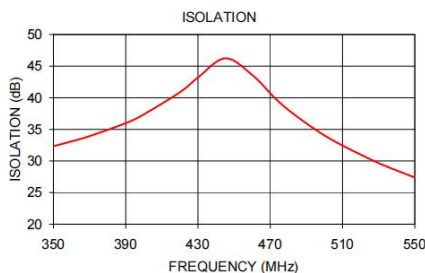
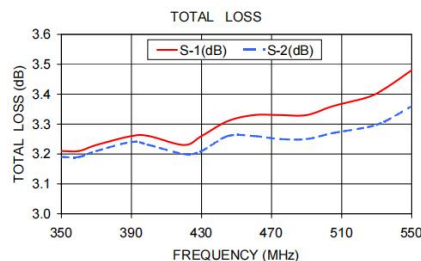
- low insertion loss
- excellent insertion loss flatness
- excellent amplitude unbalance
- very good phase unbalance,
- excellent VSWR, 1.1:1 typ. all ports.
- J-leads for excellent solderability and strain relief

Applications

- UHF/VHF
- instrumentation

Transformer Electrical Specifications

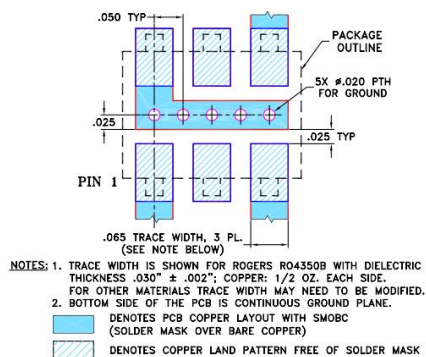
Freq. range (MHz)	Isolation(dB)		Insertion Loss (dB) Above 3.0 dB.		Phase Unbalance (Degrees) Max.	Amplitude Unbalance (dB) Max.
	min	max	min	max		
350-550	16	30	0.4	1.0	4.0	0.4



electrical schematic



Suggested PCB Layout



Pin Connections	
SUM PORT	1
PORT 1	3
PORT 2	4
GROUND	6
NOT USED Stop welding ground	2,5

JY-JPS-2-1N+



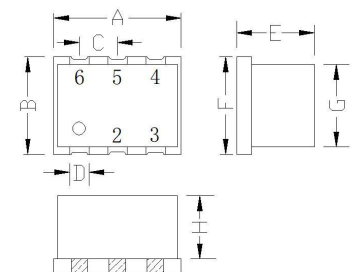
2 Way-0° 50Ω 350 to 550 MHz

Maximum Ratings

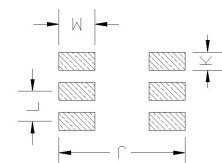
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1 W max.
Internal Dissipation	0.125W max.

Permanent damage may occur if any of these limits are exceeded.

Outline Drawing



PCB Land Pattern



Suggested Layout,
Tolerance to be within ±0.2

Outline Dimensions: Unit (mm)			
A	8.70	G	5.50
B	6.50	H	4.30
C	2.54	L	2.54
D	1.30	J	8.00
E	5.40	K	1.50
F	6.54	M	2.00
WT	0.5g		