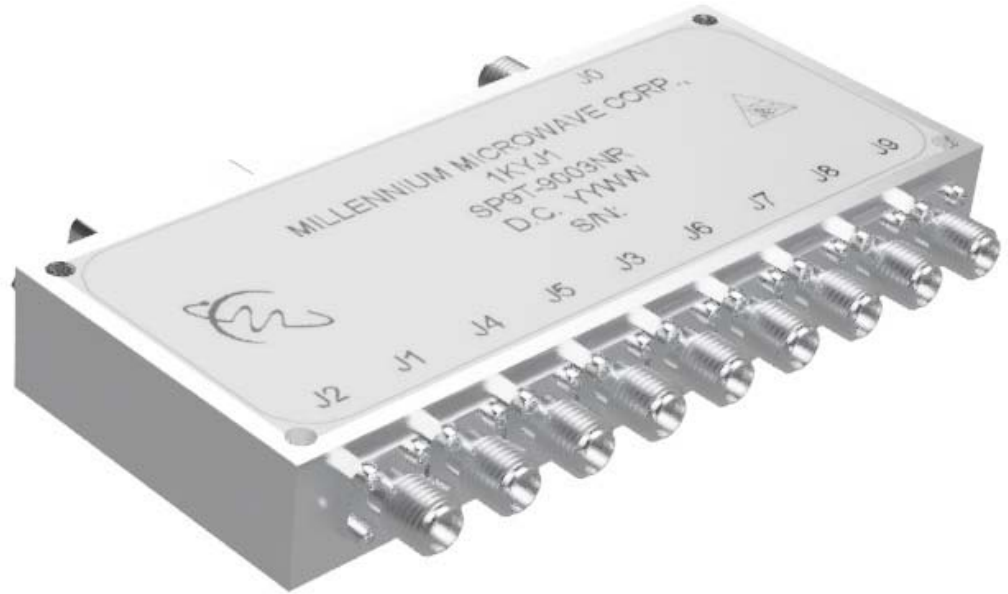


# SP9T-9003NR

## Features:

- Single Pole 9 Throw
- Non-Reflective
- Switching Speed <35nS
- 0.1 – 18 GHz



## Specifications:

S/N	SELECTED PATH	FREQUENCY (GHz)	INSERTION LOSS MAX (dB) (*3)	VSWR INPUT ON (*1)		VSWR OUTPUT ON (*1)		VSWR OUTPUT OFF (*1)		ISOLATION (*2)	SWITCHING SPEED	TTL
				LO	HI	LO	HI	LO	HI			
	J0-J1	0.1 - 4.0								78dB MIN	35nS MAX	
	J0-J2	0.25 - 1.3									On - Off	1=OFF
	J0-J3	0.75 - 2.25									Off - On	0=ON
	J0-J4	1.75 - 4.25									<b>POWER SUPPLY</b>	
	J0-J5	3.75 - 8.25									+5VDC @ 300mA	
	J0-J6	7.75 - 12.25									-12VDC @ 75mA	
	J0-J7	11.75 - 18.25									*1 VSWR INPUT / OUTPUT	
	J0-J8	2.0 - 18.0									1.8:1 MAX / 10.88dB MIN	
	J0-J9	2.0 - 18.0									up to 12.25 GHz	
											2.0:1 MAX / 9.54dB MIN	
	J0-J1	0.1 - 4.0									12.25 - 18.25 GHz	
	J0-J2	0.25 - 1.3									*J7-J9 VSWR will be measured for both specifications.	
	J0-J3	0.75 - 2.25									*2 Isolation will be measured with each of the output ports enabled as well as the "all-off" state.	
	J0-J4	1.75 - 4.25										
	J0-J5	3.75 - 8.25										
	J0-J6	7.75 - 12.25										
	J0-J7	11.75 - 18.25										
	J0-J8	2.0 - 18.0										
	J0-J9	2.0 - 18.0										
	J0-J1	0.1 - 4.0									*3 Passband ripple shall be less than 0.25dB	
	J0-J2	0.25 - 1.3									Defined as deviation from nominal passband response across any 300MHz band	
	J0-J3	0.75 - 2.25										
	J0-J4	1.75 - 4.25										
	J0-J5	3.75 - 8.25										
	J0-J6	7.75 - 12.25										
	J0-J7	11.75 - 18.25										
	J0-J8	2.0 - 18.0										
	J0-J9	2.0 - 18.0										

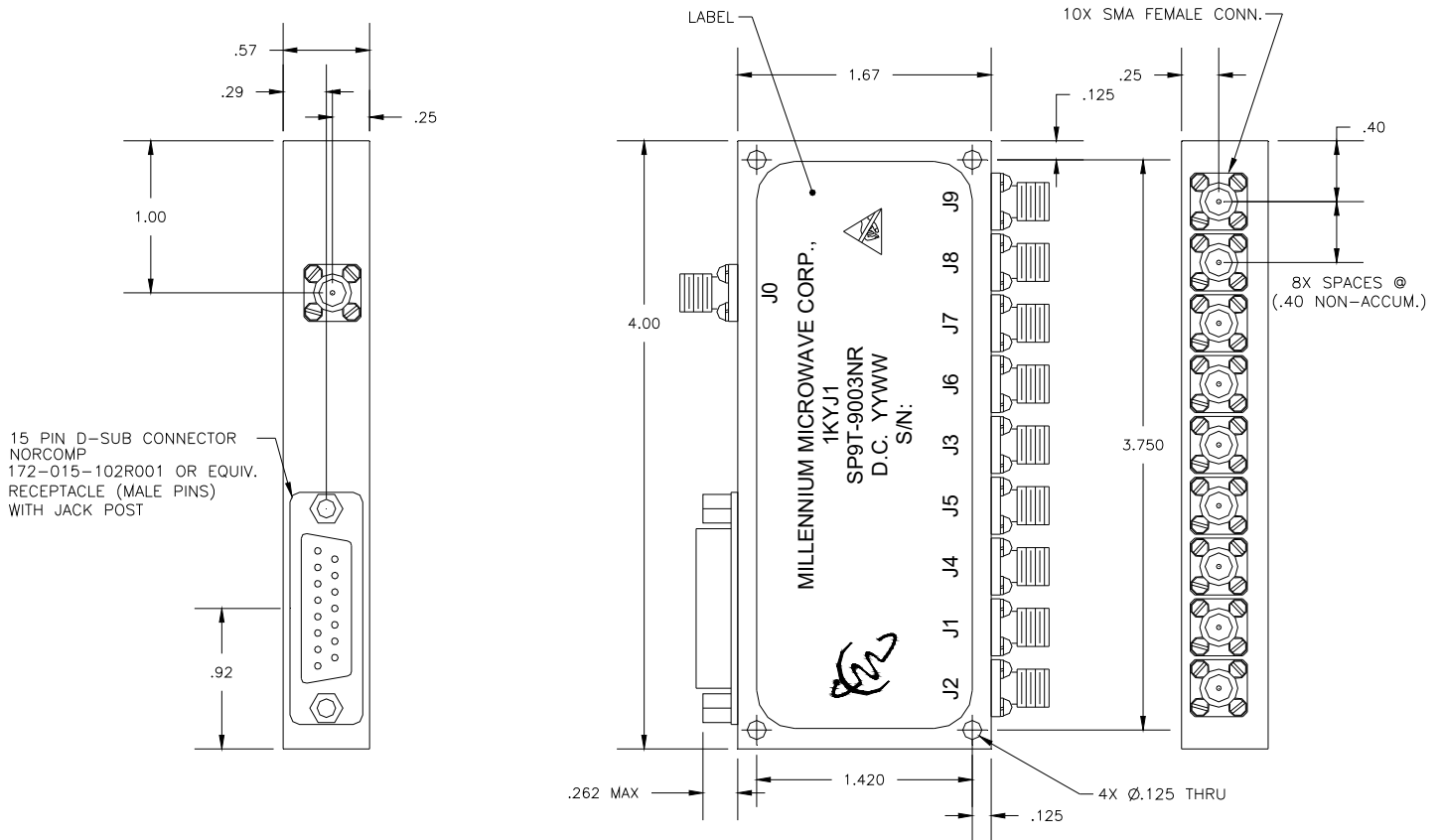


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## ➤ Outline Drawing:



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