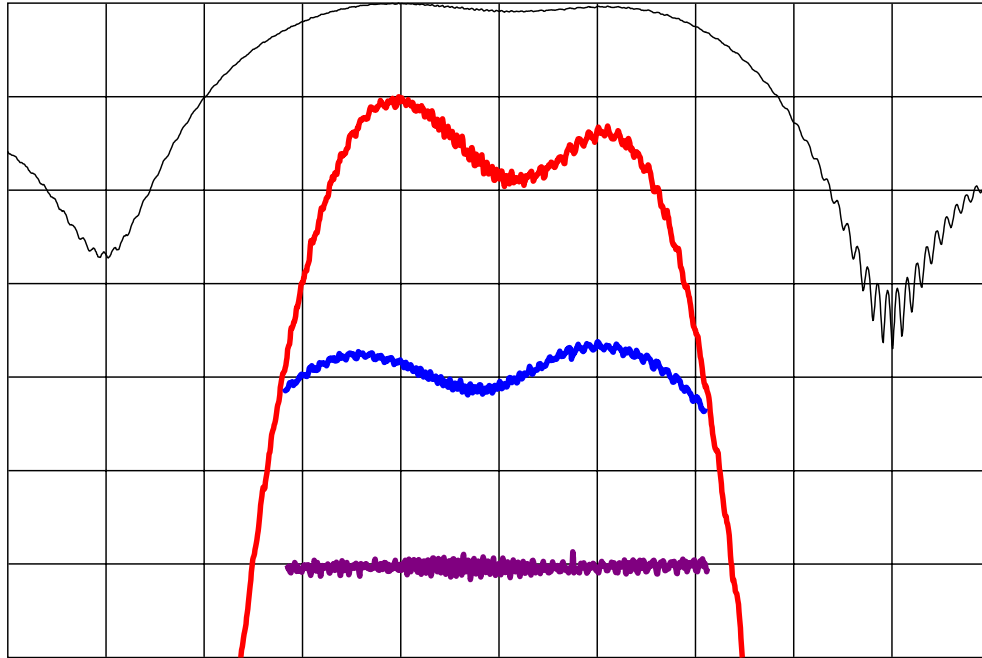


**DESCRIPTION**

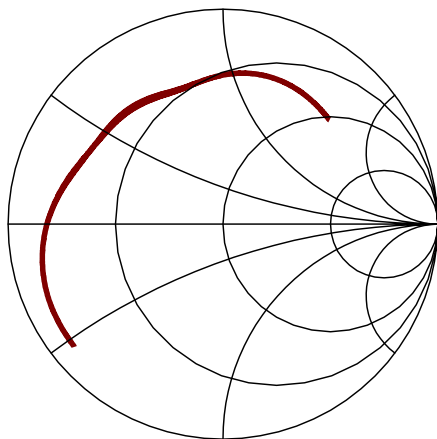
- 850 MHz SAW delay line with 80 MHz minimum bandwidth.
- 22.1 x 12.7 mm DIP package.
- RoHS compliant.

**TYPICAL PERFORMANCE**

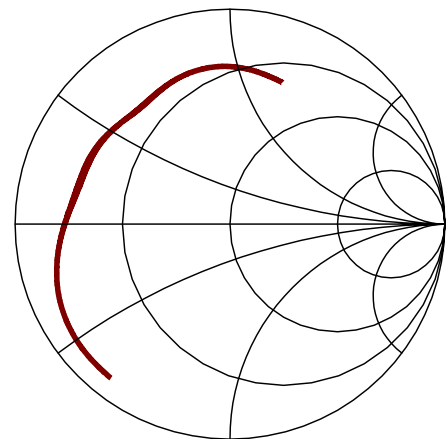


Horizontal: Frequency : 60 MHz/div  
 Vertical from Top: Relative Magnitude : 10 dB/div  
 Relative magnitude : 1 dB/div  
 Phase Linearity : 10 deg/div  
 Group Delay : 25 ns/div

**S11 (550 to 1150 MHz)**



**S22 (550 to 1150 MHz)**



## SPECIFICATION

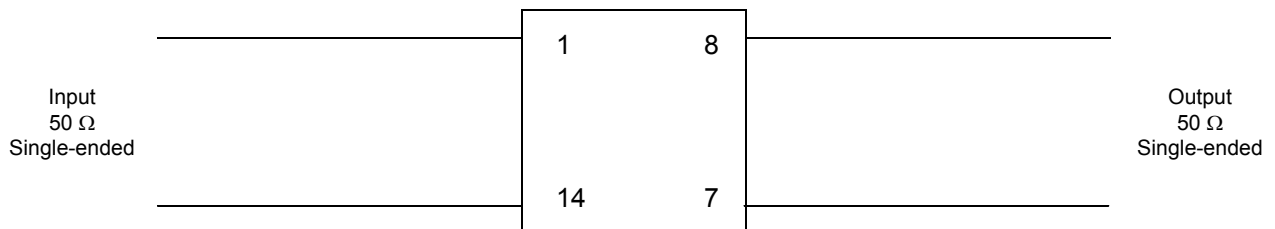
Parameter	Min	Typ	Max	Units
Center Frequency (Fc) <sup>1</sup>	-	850	-	MHz
Insertion Loss	-	24	27	dB
3 dB Bandwidth (Passband) <sup>2</sup>	80	240	-	MHz
Passband Amplitude Ripple	-	1.1	2	dB p-p
Device Delay	2.45	2.50	2.55	us
RF Feedthrough Suppression <sup>3</sup>	35	48	-	deg p-p
Triple Transit Suppression <sup>3</sup>	35	42	-	dB p-p
Temperature Coefficient of Delay	-	94	100	ppm/°C
Source and Load Impedance	-	50	-	ohms
Ambient Temperature	-	25	-	° C

- Notes:
1. Fixed reference. All specified bandwidths are centered at or referenced to this frequency.
  2. To be satisfied across Fc +/- 40 MHz.
  3. This parameter is guaranteed by design.

## MAXIMUM RATINGS

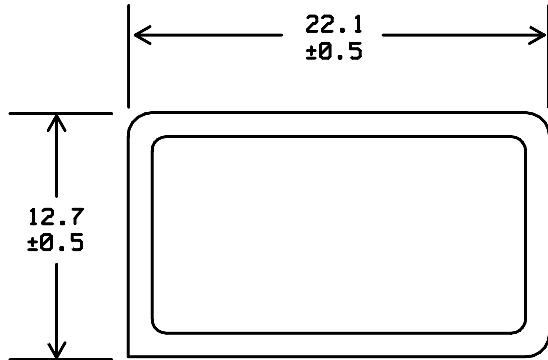
Parameter	Min	Typ	Max	Units
Storage Temperature Range	-40	25	85	°C
Input Power Level	-	10	13	dBm

## MATCHING CIRCUIT



Note: Tuning components are not required.

**PACKAGE OUTLINE**

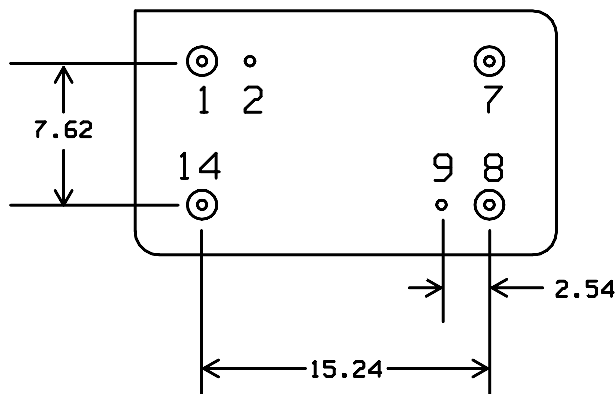
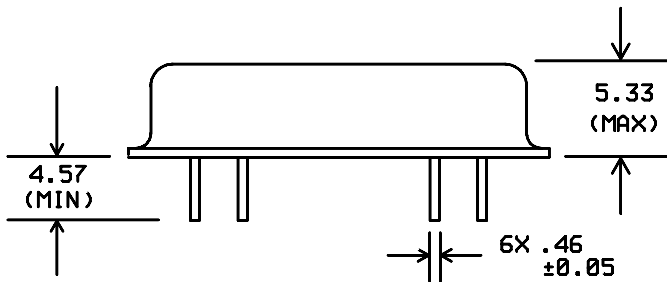


**Units:** mm

Tolerances are ±0.15 mm except where indicated.

**Pin Configuration:**

Input:	1
Input return:	14
Output:	8
Output return:	7
Ground:	2,9



ISO 9001  
Registered

All specifications are believed to be accurate and reliable. However, Spectrum Microwave reserves the right to make changes without notice.  
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