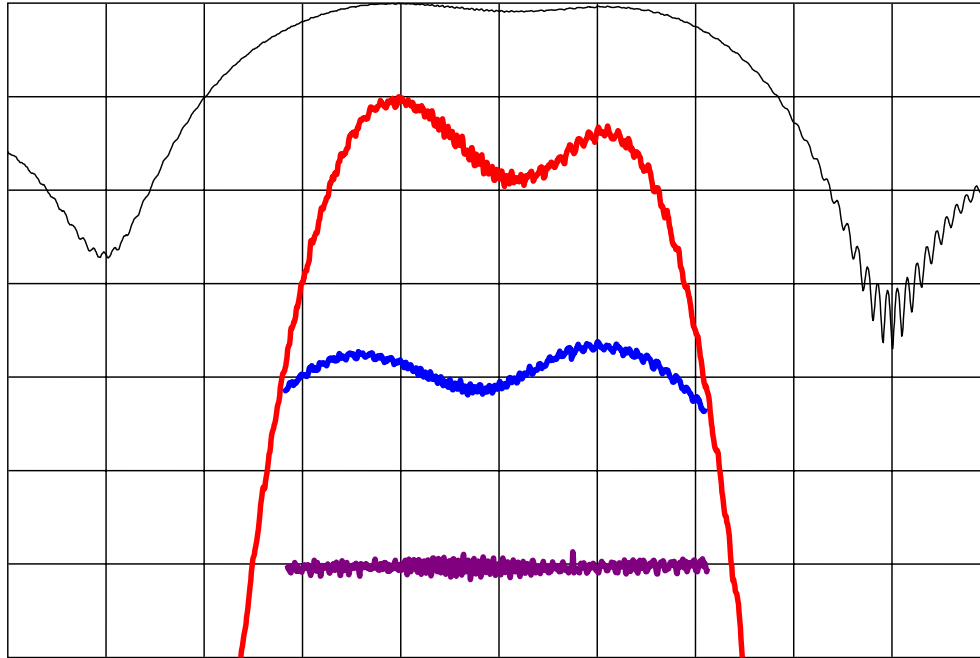


DESCRIPTION

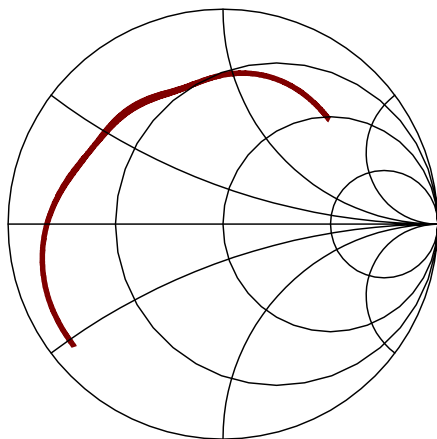
- 850 MHz SAW delay line with 80 MHz minimum bandwidth.
- 22.1 x 12.7 mm DIP package.
- RoHS compliant.

TYPICAL PERFORMANCE

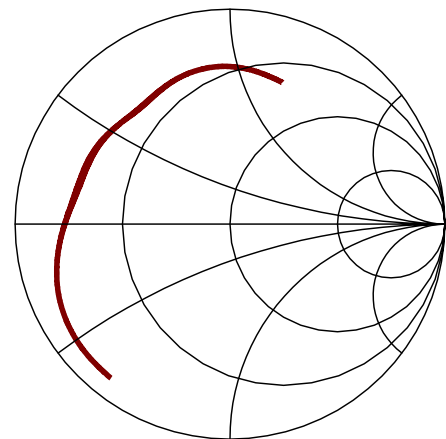


Horizontal: Frequency : 60 MHz/div
 Vertical from Top: Relative Magnitude : 10 dB/div
 Relative magnitude : 1 dB/div
 Phase Linearity : 10 deg/div
 Group Delay : 25 ns/div

S11 (550 to 1150 MHz)



S22 (550 to 1150 MHz)



SPECIFICATION

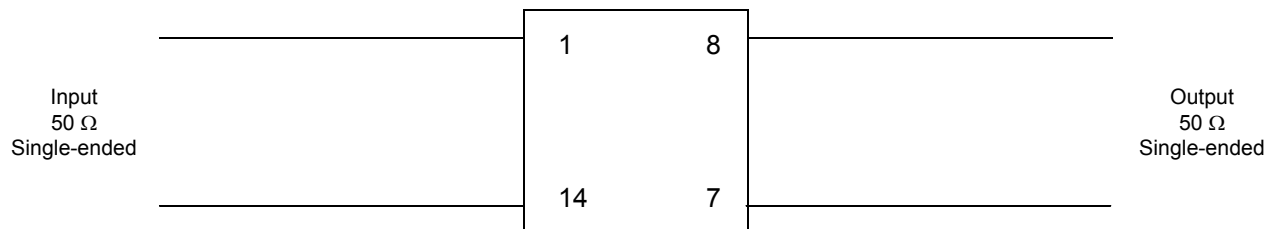
Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹	-	850	-	MHz
Insertion Loss	-	24	27	dB
3 dB Bandwidth (Passband) ²	80	240	-	MHz
Passband Amplitude Ripple	-	1.1	2	dB p-p
Device Delay	2.45	2.50	2.55	us
RF Feedthrough Suppression ³	35	48	-	deg p-p
Triple Transit Suppression ³	35	42	-	dB p-p
Temperature 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

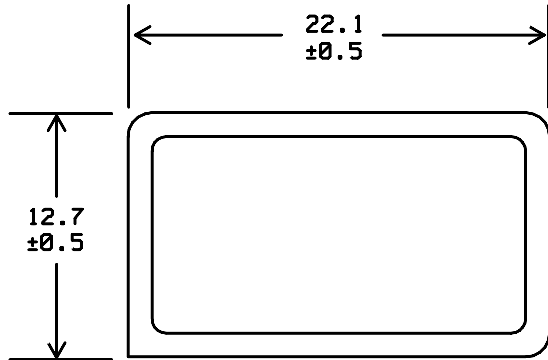
Parameter	Min	Typ	Max	Units
Storage Temperature Range	-40	25	85	°C
Input Power Level	-	10	13	dBm

MATCHING CIRCUIT



Note: Tuning components are not required.

PACKAGE OUTLINE

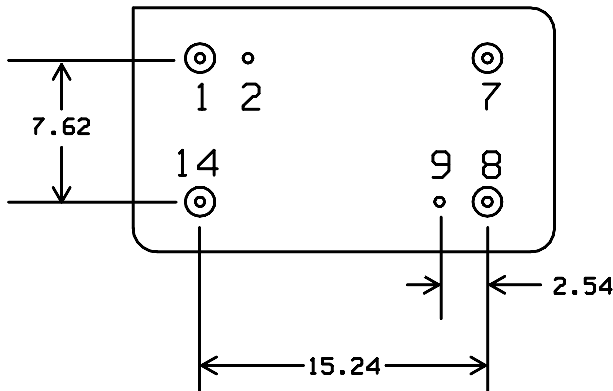
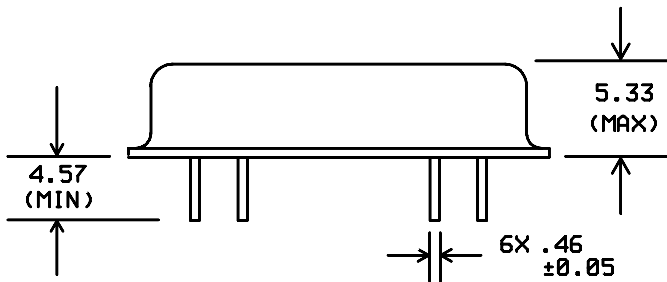


Units: mm

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.
© 2010 All rights reserved.