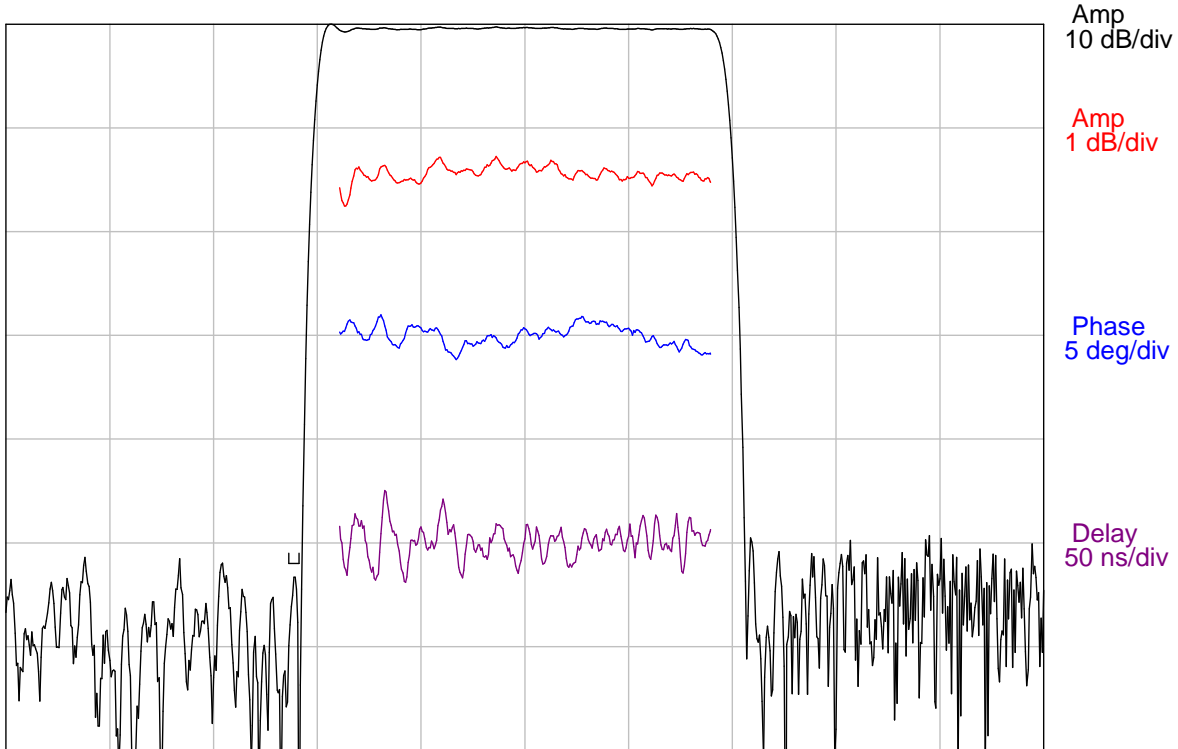


DESCRIPTION

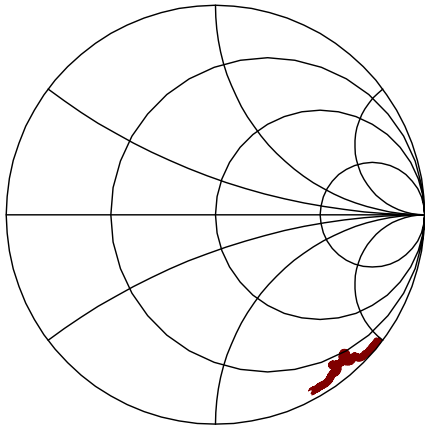
- 35.6 MHz SAW bandpass filter with 7.4 MHz Bandwidth.
- 35.05 x 20.57 mm DIP package, 24 pins.
- RoHS compliant.

TYPICAL PERFORMANCE

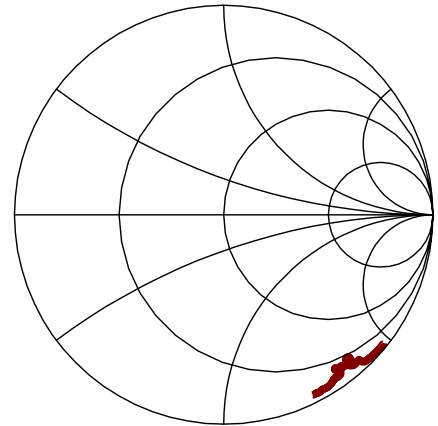


Center = 35.7 MHz, 2 MHz/div (25 kHz incr)

S11 (25.7-45.7 MHz)



S22 (25.7-45.7 MHz)



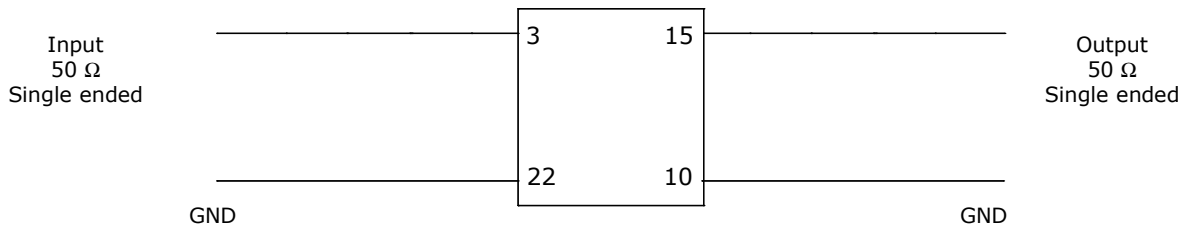
SPECIFICATION

Parameter	Min	Typ	Max	Units
F_visual	-	38.9	-	MHz
F_color	-	32.9	-	MHz
F_audio	-	32.4	-	MHz
Center Frequency (Nominal)	-	35.6	-	MHz
Insertion Loss	28	31	32	dB
2 dB Lower Band Edge	-	31.79	31.95	MHz
2 dB Upper Band Edge	39.35	39.46	-	MHz
Passband Ripple (32.08 - 39.23 MHz)	-	0.3	0.8	dB
Phase Deviation (32.08 - 39.23 MHz)	-	2.5	8	deg p-p
GD Ripple (32.08 - 39.23 MHz)	-	30	50	ns p-p
Rejection (20 - 31.10 MHz)	45	55	-	dB
Rejection (31.1 - 31.3 MHz)	52	60	-	dB
Rejection (40.35 - 65.0 MHz)	45	55	-	dB
2T K Factor	-	1	-	%
C/L Delay - 12.5 T	-	5	-	ns
Delay	-	4.43	-	us
Ambient Temperature	40			°C
Temperature Coefficient	-74			ppm / °C
Source/Load Impedance	50			Ω

MAXIMUM RATINGS

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

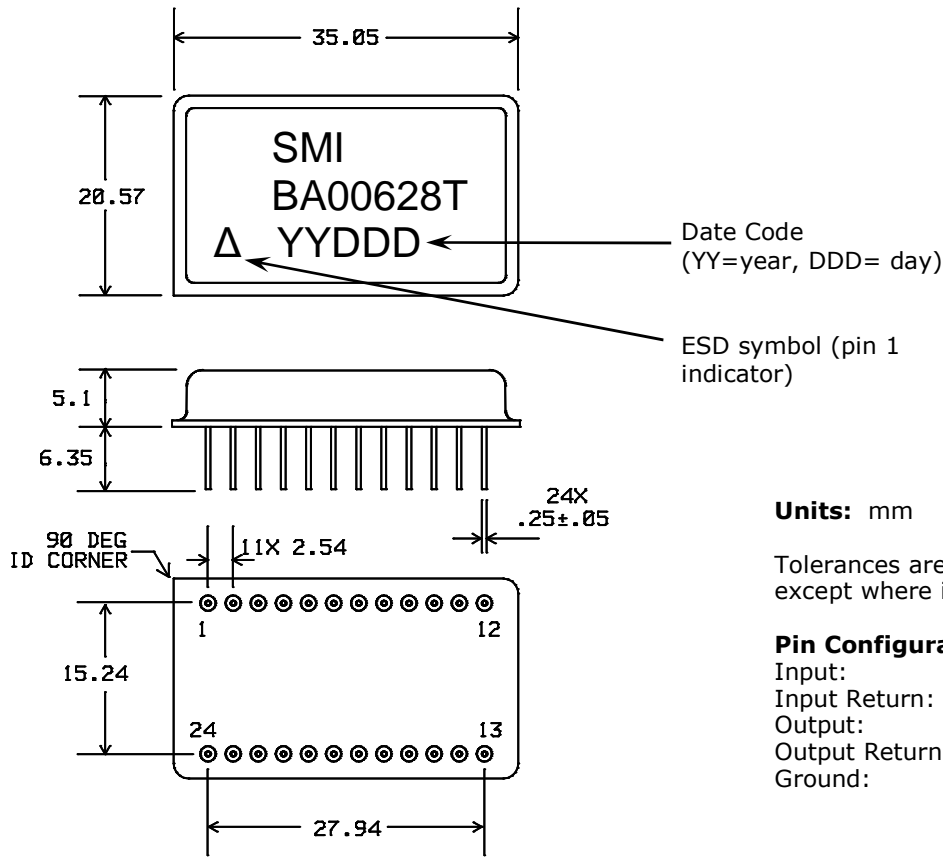
MATCHING CIRCUIT



Notes:

- External matching components are not required.
- Device is to operate in a 50 ohm single-ended system.

PACKAGE OUTLINE



Date Code
 (YY=year, DDD= day)

ESD symbol (pin 1
 indicator)

Units: mm

Tolerances are typically ± 0.15 mm
 except where indicated.

Pin Configuration:

Input:	3
Input Return:	22
Output:	15
Output Return:	10
Ground:	All other pins

**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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