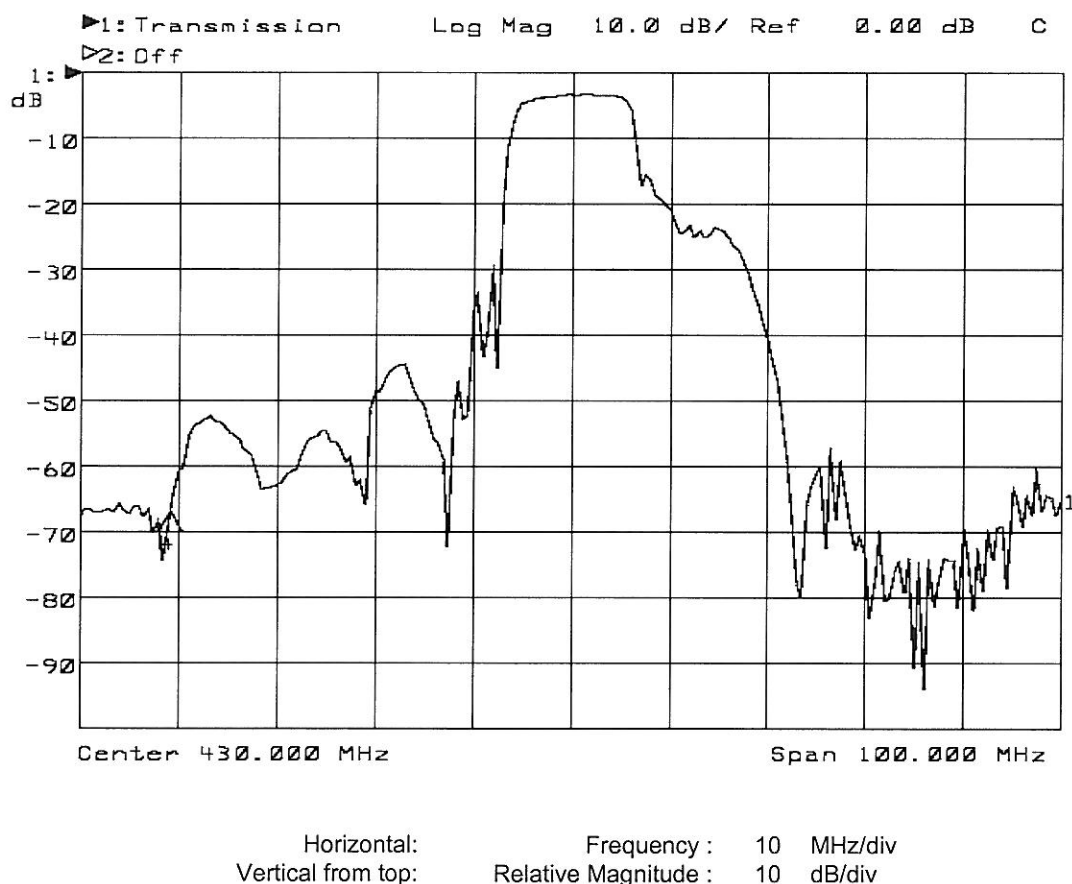




DESCRIPTION

- 430 MHz SAW bandpass filter with 4 MHz bandwidth.
- 3.8 x 3.8 mm SMP.
- RoHS compliant.

TYPICAL PERFORMANCE





SPECIFICATION

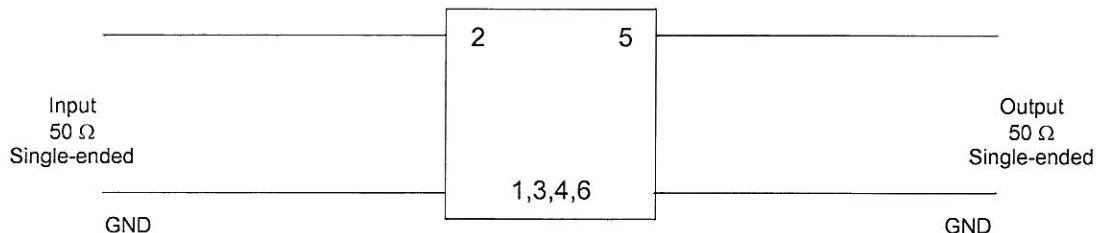
Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹	-	430	-	MHz
Insertion Loss (Fc +/- 2 MHz)	-	4	4.5	dB
Lower 1.5 dB Frequency	-	427.6	428	MHz
Upper 1.5 dB Frequency	432	432.4	-	MHz
Passband Amplitude Ripple ²	-	1.2	1.5	dB p-p
Rejection (Fc-100 to Fc-40.8 MHz) ³	50	55	-	dB
Rejection (Fc+40.8 to Fc+100 MHz) ³	50	55	-	dB
Ambient Temperature	-	25	-	°C
Source / Load Impedance	-	50	-	Ω

- Notes:
1. Average of the lower and upper 3 dB band edge frequencies.
 2. defined over Fc +/- 2 MHz.
 3. Dependent on PC board layout.

MAXIMUM RATINGS

Parameter	Min	Max	Units
Storage Temperature Range	-40	85	°C
Operating Temperature Range	-10	50	°C
Input Power Level	-	0	dBm
DC Permissive Voltage	-	10	V DC

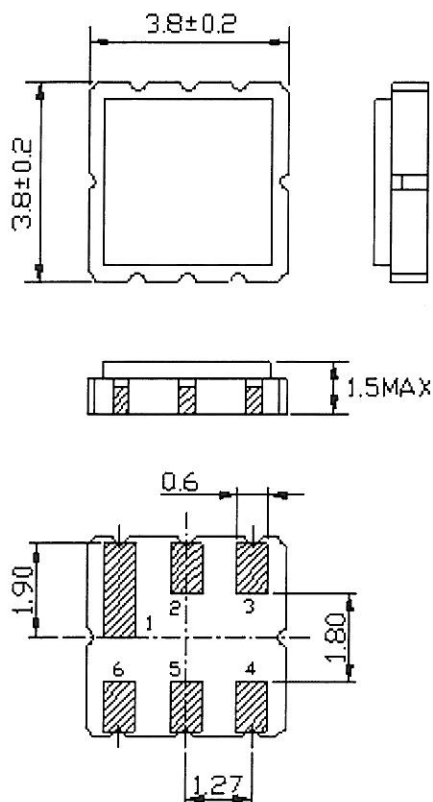
MATCHING CIRCUIT



Notes:

1. External matching components are not required.

PACKAGE OUTLINE



Units: mm

Tolerances are ± 0.15 mm except for the overall length, width and pad dimensions, which are nominal values.

Pad Configuration:

Input:	2
Output:	5
Ground:	1,3,4,6

Package Material:
Body: Al_2O_3 ceramic
Lid: Kovar, Ni plated
Terminations: Au plating 1 μ m min,
over a 1.3-8.9 μ m Ni plating

ISO 9001
Registered

All specifications are believed to be accurate and reliable. However, MNC reserves the right to make changes without notice.
© 2006 All rights reserved.