

446MHz THROUGH-HOLE SAW FILTER

AFS446.0W02-TD01



RoHS
Compliant



11.3 x 4.8 x 3.5 mm

FEATURES:

- Compact size resistance weld sealed package
- No polarity

APPLICATIONS:

- RF filter for telecommunications

STANDARD SPECIFICATIONS:

MAXIMUM RATINGS

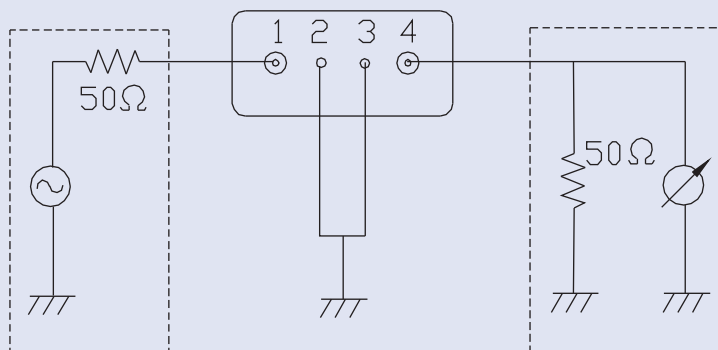
C to +80

Item	Value
Operation Temperature Range	-40°C to +80° C
Storage Temperature Range	-40°C to +85°C
DC Permissive Voltage	10V DC max.
Maximum Input Power	+0 dBm

ELECTRICAL CHARACTERISTICS

Item	Frequency (MHz)	Specification
Center Frequency (f_o)	446.0	
Pass Band Width	$f_o \pm 2.0$	
Insertion Loss	Pass Band	4.5 dB max
Ripple Deviation	Pass Band	2.0 dB max.
Stop Band Suppression	$f_o - 100 \sim f_o - 40.8$ $f_o + 40.8 \sim f_o + 100$	50 dB min. 50 dB min.
Terminating Impedance		50Ω/0pF

TEST CIRCUIT



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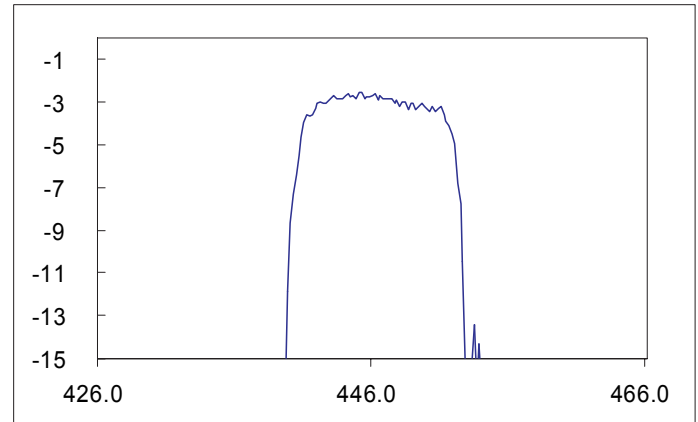
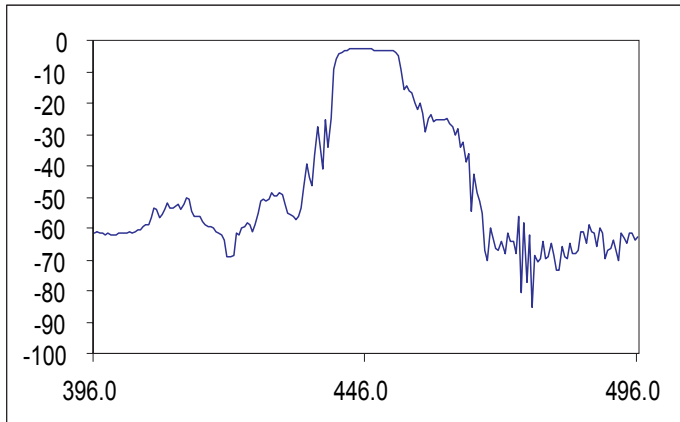


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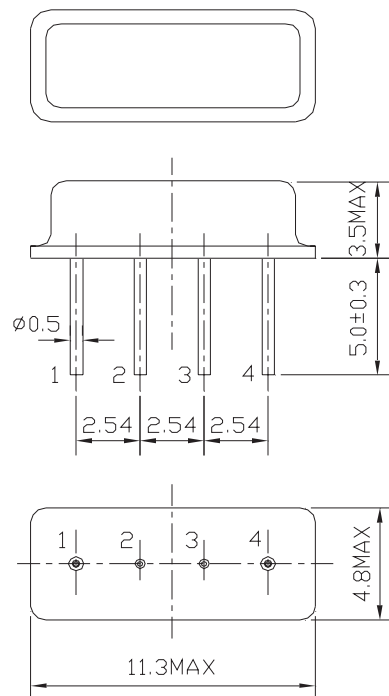


11.3 x 4.8 x 3.5 mm

FREQUENCY CHARACTERISTICS



OUTLINE DIMENSIONS:



Pin No.	Function
Pin 1	Input
Pin 4	Output
Pin 2, 3	Ground

Dimension : mm

NOTE: Abracon manufactured products are intended for general commercial and industrial use. For applications requiring high reliability and/or presenting extreme operating environment, written consent & authorization from Abracon is required.

ABRACON IS
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