

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: SAW FILTER
PART NUMBER: SF0137045
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
12/6/06 **	09/11/2012 TFG		09/11/2012 GL
1/18/11 PM	5/16/2011 SRJ	5/17/2011 BF	

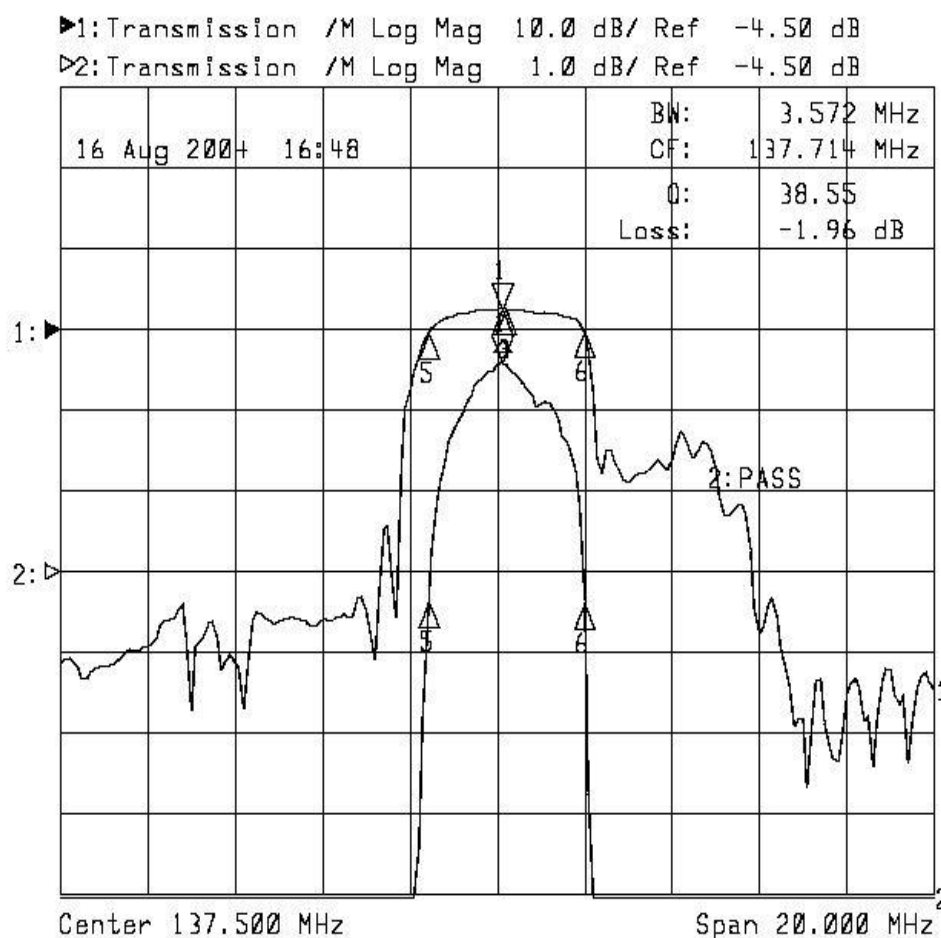
FILTRONETICS Inc

1. SPECIFICATIONS: SF0137045

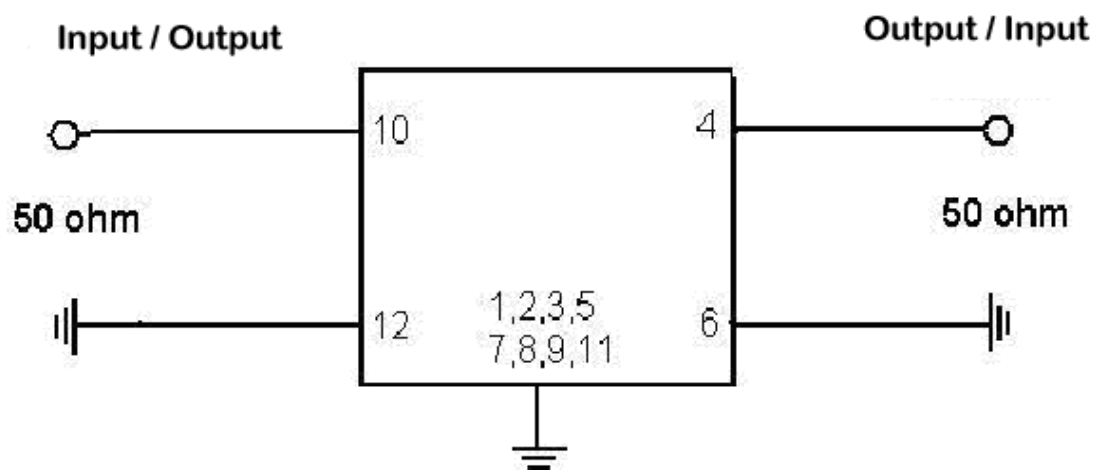
DC Voltage VDC	10V
AC Voltage Vpp	10V50Hz/60Hz
Operation temperature	-20 to +60°
Storage temperature	-45 to +85°
RF Power Dissipation	0dBm

Nominal center frequency(Fo)	137.5	MHz
Insertion (Fo)		
1. Fo-20~-100MHz	-45 Min	
2. Fo	-4.0 Min	dB
3. Fo+20MHz~+100MHz	-45 Min	
Pass band width(-1dB)	2.0~5.2	MHz
Ripple(within pass band)	2.0 Max	dB
Input/Output impedance(Nominal)	50//0	Ω /pF

Typical Frequency Response:



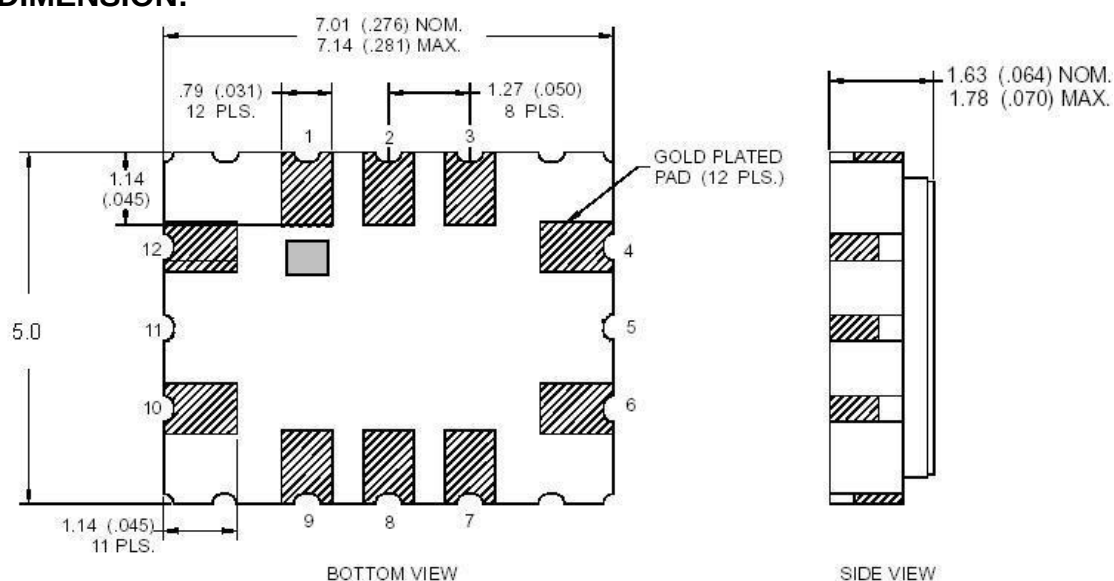
2. TEST CIRCUIT



Note: Device is symmetrical and will perform form in to out and out to in.

Marking:
SF
0137045

3. DIMENSION:



4. Notes:

6.1 Static voltage

Static voltage between signal load & ground may cause deterioration & destruction of the component. Please avoid static voltage.

6.2 Ultrasonic cleaning

Ultrasonic vibration may cause deterioration & destruction of the component. Please avoid ultrasonic cleaning

6.3 Soldering

Only leads of component may be soldered. Please avoid soldering other parts of component.