

**SPECIFICATION**  
**COMMERCIALY AVAILABLE**

**MONOLITHIC CRYSTAL FILTER**  
**PART NUMBER: M140SBJ**  
**RoHS**

10/30/17 Added plots

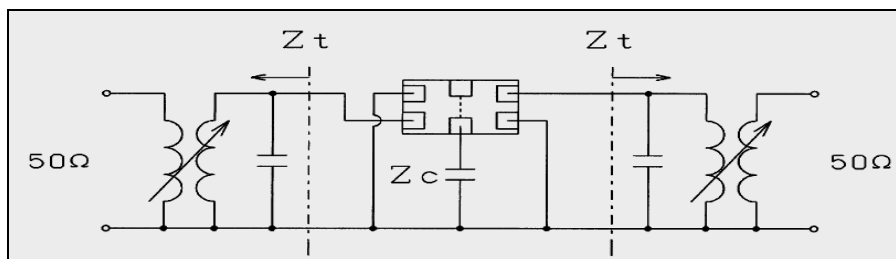
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
6/17/16 <sup>(kn)</sup>			
10/30/17 TG <sup>(kn)</sup>			

**FILTRONETICS Inc**

- 1. Part Number: M140SBJ
- 2. Electrical Specifications:

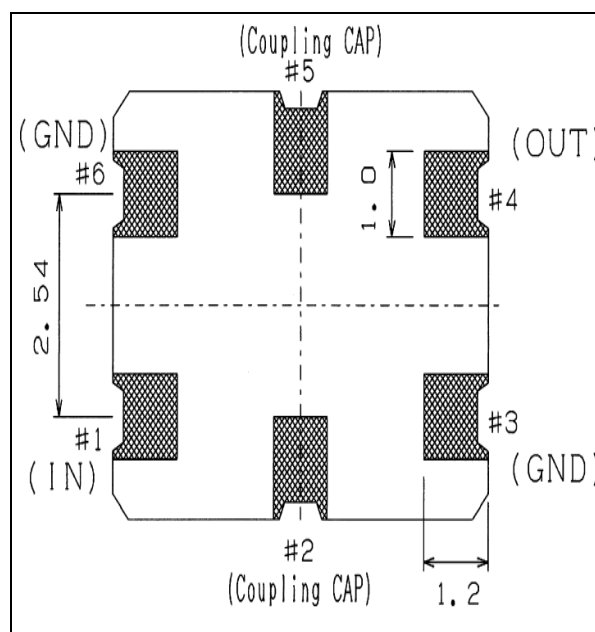
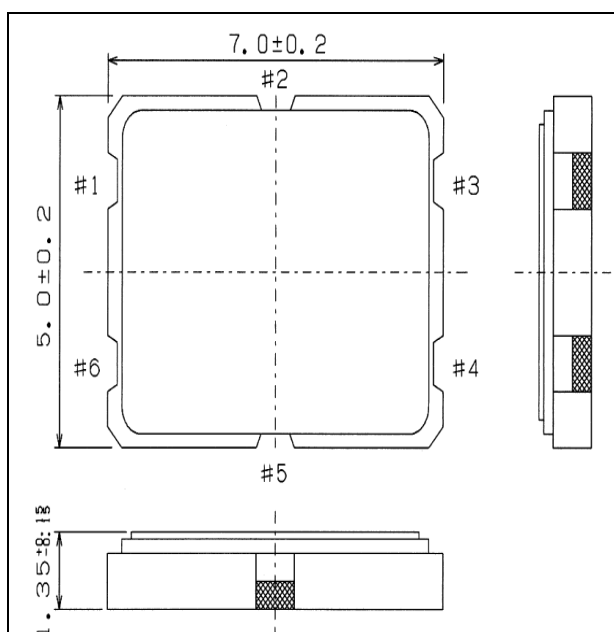
Center Frequency (Fo):	140.000 MHz
Pass Bandwidth: (at 3 dB)	± 6.00 KHz Min
Stop Bandwidth: (at 30 dB)	± 25.0 KHz Max
Guaranteed Attenuation:	TBD (Fo -910 KHz)
Ripple:	1.0 dB Max
Insertion Loss:	5.0 dB Max
Terminating Impedance:	1000Ω (±10%) //0.0pF (±1.0pF) ZC=0.5pF (±1.0pF)
Number of poles:	4
Storage Temperature:	-40 to +85°C
Operating Temperature:	-30 to +75°C
Input Level:	-10dBm
Mode of Operation:	3 <sup>rd</sup> OT

Test Circuit

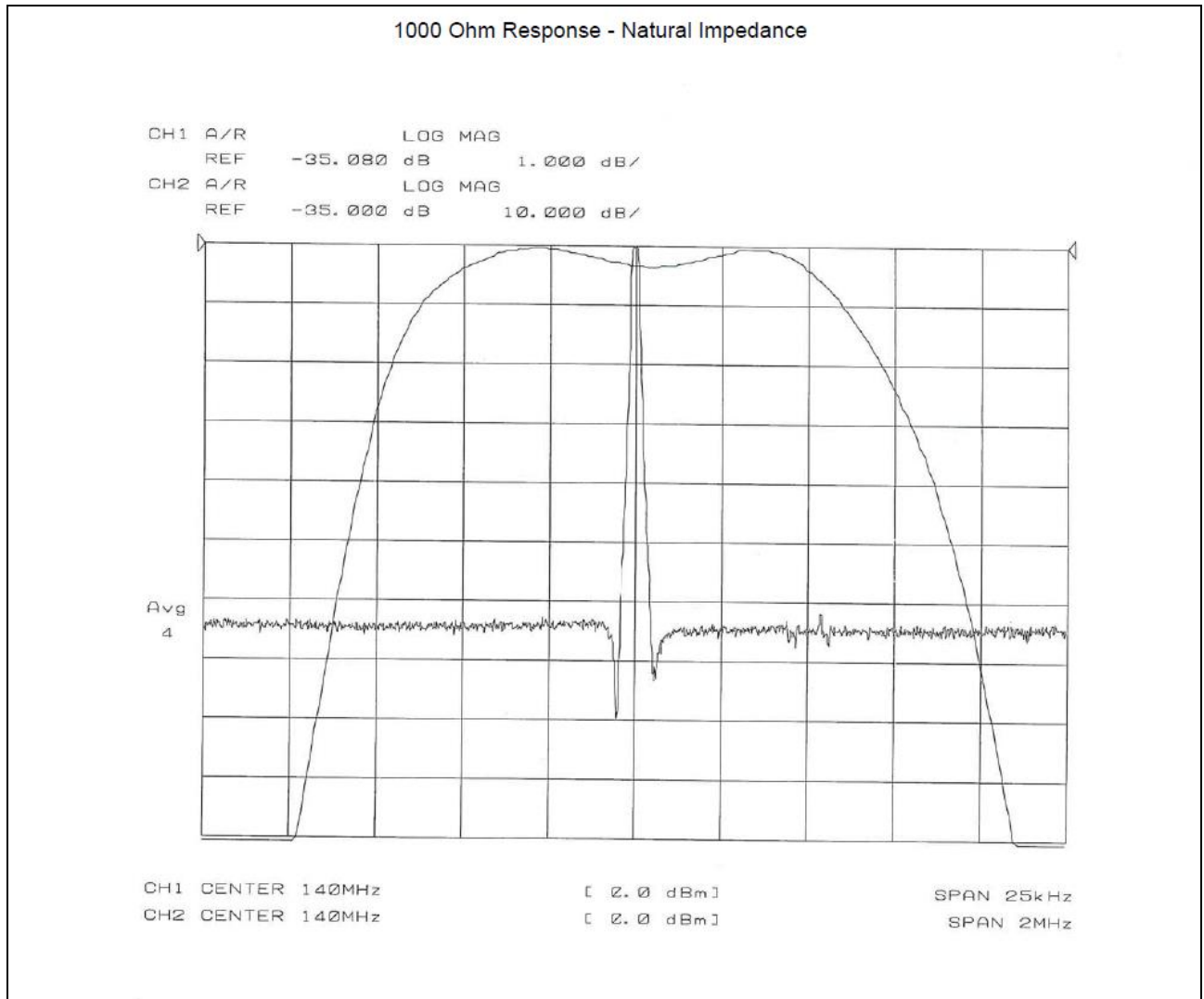


3. Mechanical Package:

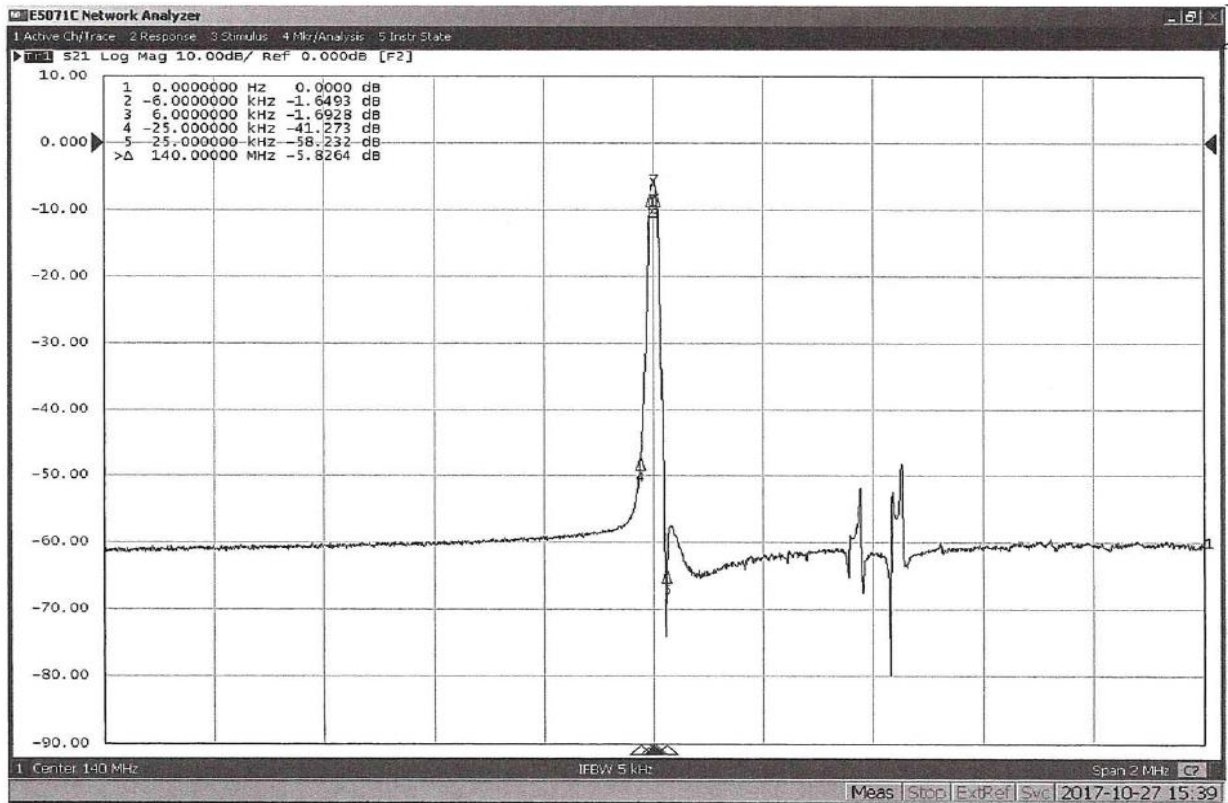
Marking:  
M140SBJ  
YYWW



4. Plots:



### 50 Ohm Transformation



### 50 oHm Transformation

