

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: MONOLITHIC CRYSTAL FILTER

PART NUMBER: M11AGB

RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
10/3/12 DS	12/10/12 TFG		12/10/12 GL

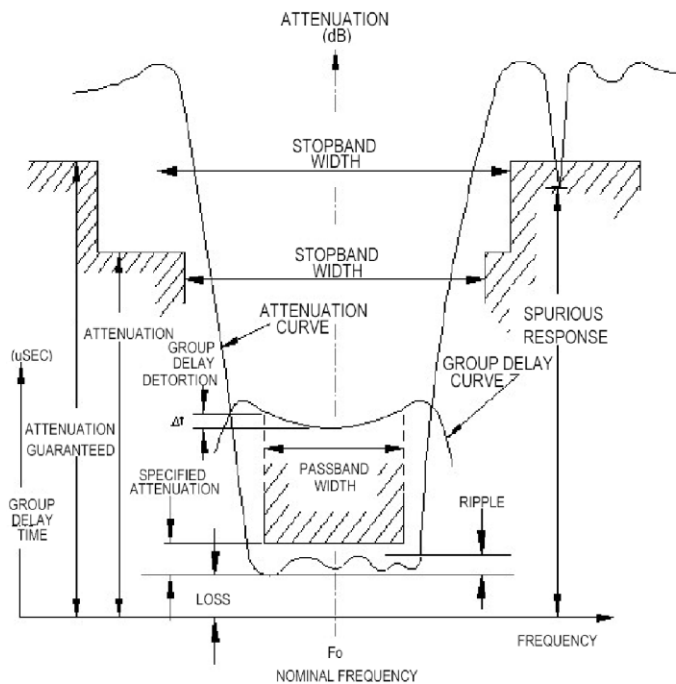
FILTRONETICS Inc

1. Part Number: M11AGB

2. Electrical Specifications:

Center Frequency (Fo):	10.7 MHz
3dBc Bandwidth:	± 3.5 KHz Min
50dBc Bandwidth:	± 20 KHz Max
Ultimate Attenuation 60 dB Min	From Fo +300 to +1000 KHz From Fo -200 to -1000 KHz
Ripple:	0.5dB max
Insertion Loss:	3.5dB Max
Termination Impedance:	1800Ω // 4.5pf
Number of poles:	4
Package:	B
Junction Capacitance:	12pf
RoHS Compliant:	Yes

MEASUREMENT DEFINITIONS



- R1 = TERMINATING RESISTANCE
 - C1 = TERMINATING CAPACITANCE
 - C2 = JUNCTION CAPACITANCE
- CONSULT FACTORY FOR ALTERNATE LOADING CIRCUITS

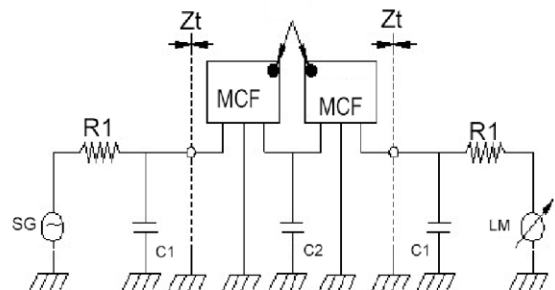
4 pole MCF

Zt: TERMINATING IMPEDANCE

HC-49 / U & UM- PACKAGES

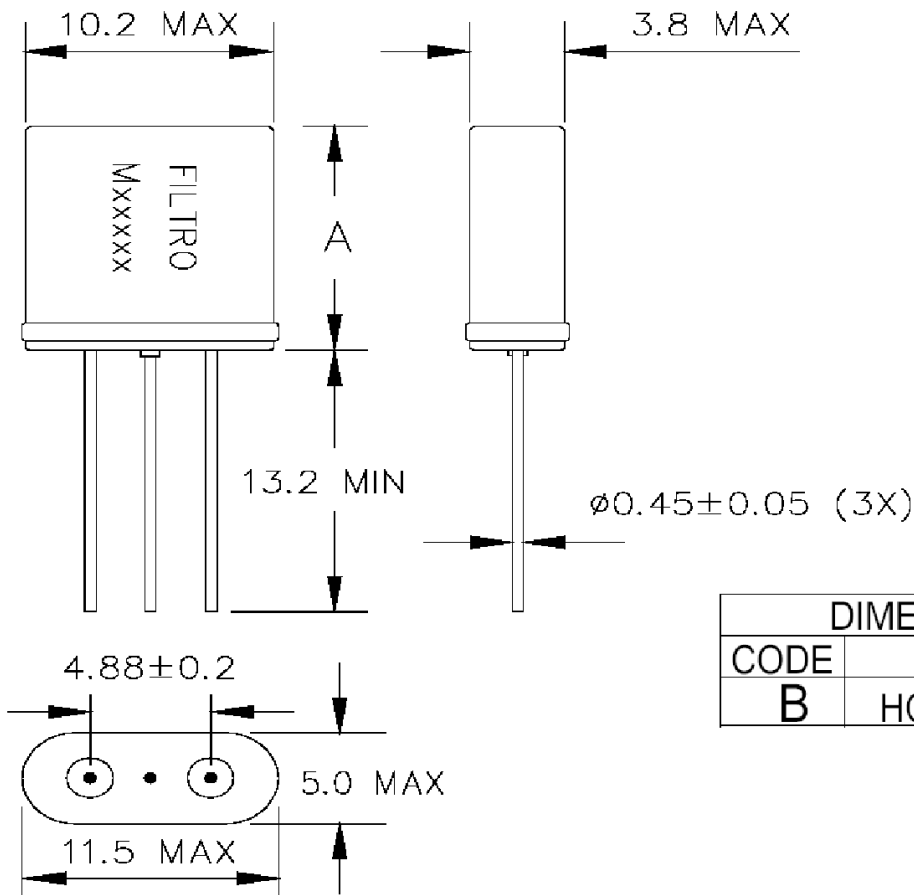
TEST CIRCUIT

COLORED DOT



3. Mechanical Package: (2 xs for 4 poles)

CASE HC—__



DIMENSIONS (mm)		
CODE	CASE	A
B	HC-49/UT	11.2 MAX

FIGURE M1 CASE HC