

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: MONOLITHIC CRYSTAL FILTER

PART NUMBER: M10ABB

RoHs

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
4/22/11 PM	10/05/2011 TFG		10/05/2011 GL

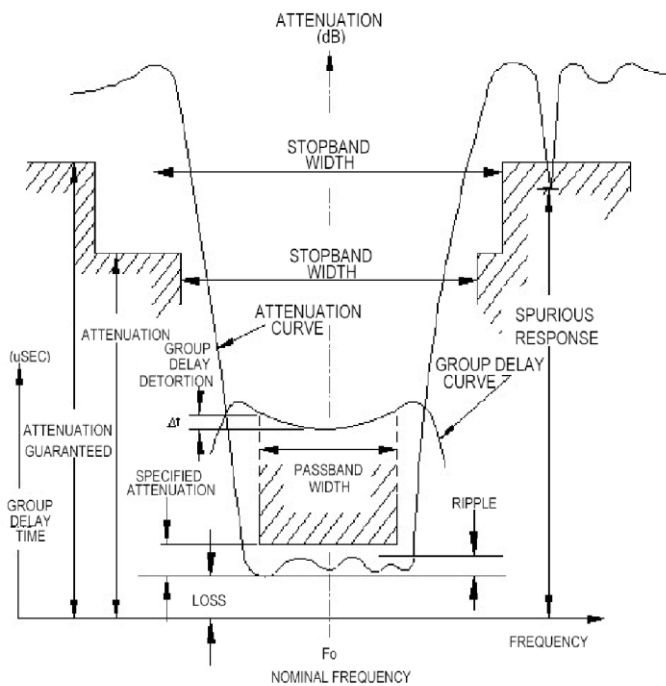
FILTRONETICS Inc

1. Part Number: M10ABB

2. Electrical Specifications:

Center Frequency (Fo):	10.7MHz
3 dBc Bandwidth:	± 3.75KHz Min
40dBc Stopband:	± 14KHz Min
Ultimate Attenuation: (Fo±KHz) +300 to+1000 (Fo±KHz) -200 to -1000	65dB 80dB
Ripple:	1.0dB max
Insertion Loss:	2.5dB Max
Termination Impedance Zt (Z//pF):	1800Ω // 4.5pF Cc=12 pF
Number of poles:	4
RoHS Compliant:	Yes

MEASUREMENT DEFINITIONS

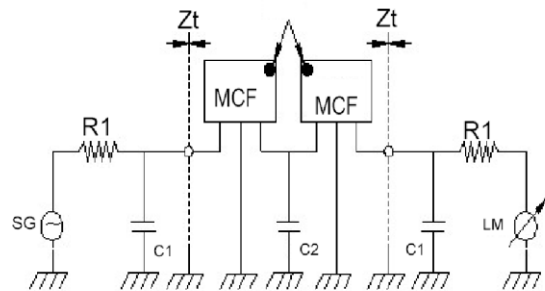


R1 = TERMINATING RESISTANCE
 C1 = TERMINATING CAPACITANCE
 C2 = JUNCTION CAPACITANCE
 CONSULT FACTORY FOR
 ALTERNATE LOADING CIRCUITS

4 pole MCF

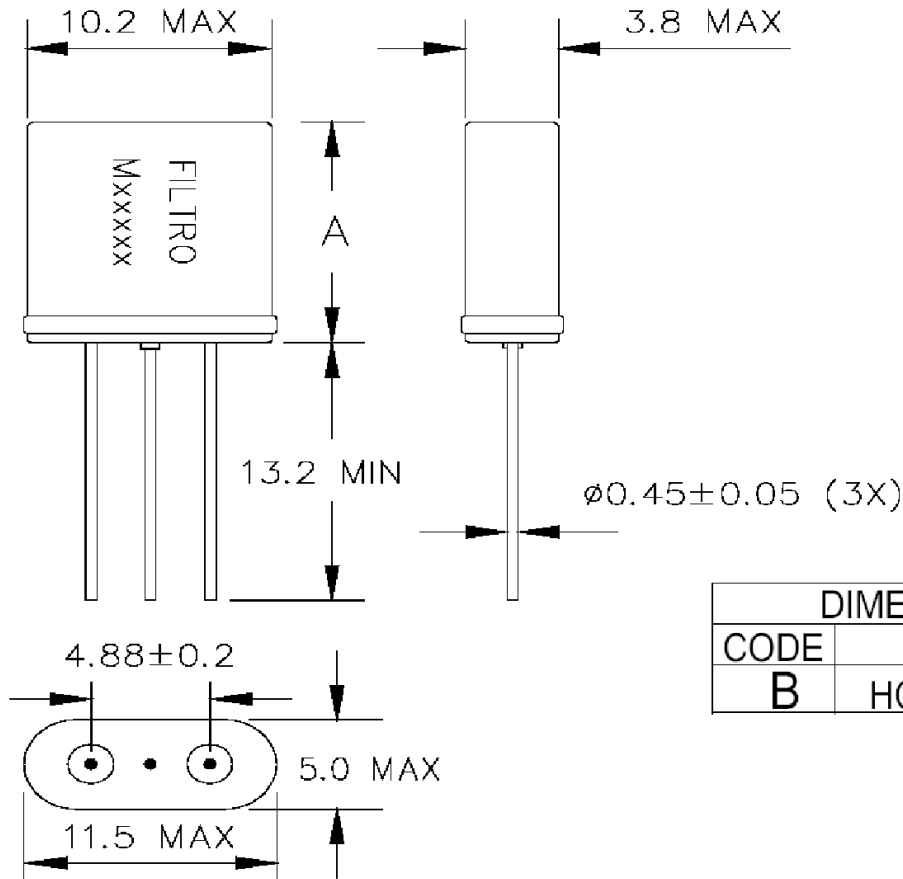
Zt: TERMINATING IMPEDANCE
 HC-49 / U & UM- PACKAGES

TEST CIRCUIT
 COLORED
 DOT



3. Mechanical Package: (2x for 4 pole)

CASE HC—



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

FIGURE M1 CASE HC