

SPECIFICATION

COMMERCIALLY AVAILABLE

MONOLITHIC CRYSTAL FILTER
PART NUMBER: M50FBC

Also available as Finished Filter
See FNP-1420

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
9/16/16 EH ^(kn)			

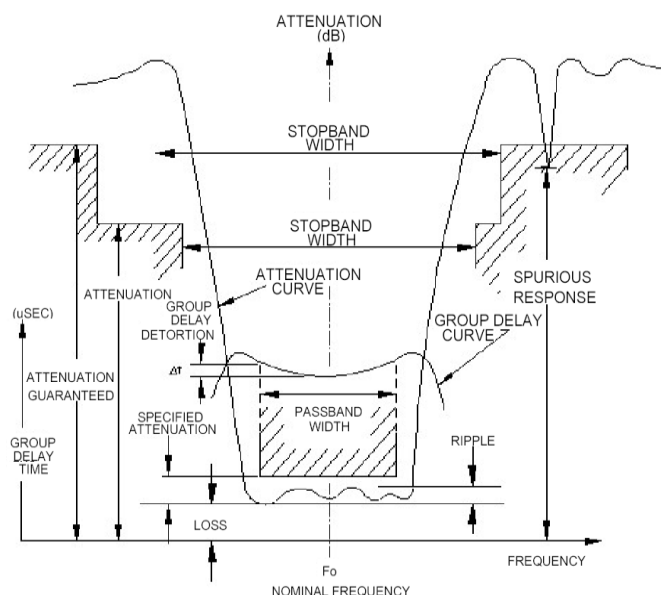
FILTRONETICS Inc

1. Part Number: M50FBC

2. Electrical Specifications:

Center Frequency (Fo):		50MHz
3 dB Bandwidth:		±7.5KHz Min
Insertion Loss:		4 dB Max
Pass Band Ripple:		1dB Max, 0dB Typical
Attenuation	Fo ±25 KHz	35 dB Min
	Fo ±50 KHz	50 dB Min
Spurious:		40 dB Min
Input Power:		0 dBm Max
Impedance:		TBD
Operating Temperature:		-30 to +60°C
Storage Temperature:		-55 to +85°C
Number of poles:		4

MEASUREMENT DEFINITIONS



R1 = TERMINATING RESISTANCE
 C1 = TERMINATING CAPACITANCE
 C2 = JUNCTION CAPACITANCE

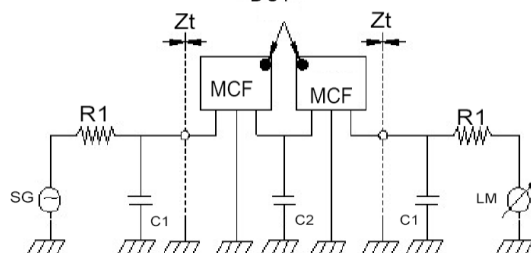
CONSULT FACTORY FOR
 ALTERNATE LOADING CIRCUITS

4 pole MCF

Zt: TERMINATING IMPEDANCE

HC-49 / U & UM- PACKAGES

TEST CIRCUIT
 COLORED
 DOT



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

