

SPECIFICATION

COMMERCIALY AVAILABLE

MINIATURE MONOLITHIC CRYSTAL FILTER
PART NUMBER: M130SAM

RoHS

12/30/14 Add note about Attenuation

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
4/18/11 DS			
5/11/11 DS	5/16/2011 SRJ	5/16/2011 BF	5/16/2011 GL
8/9/12 kn / REV01	09/06/2012 TFG		09/06/2012 GL
12/30/14 ^(kn)			

FILTRONETICS Inc

1. Part Number: M130SAM

2. Electrical Specifications:

Filter Type	MINIATURE MONOLITHIC CRYSTAL FILTER
Nominal Frequency (fo)	130.05 MHz
1 dB Pass Band	fo ±10.5 KHz Min
Insertion Loss:	4.0 dB Max
Pass Band Ripple (Peak to Valley)	1.0 dB Max
Stop Band Attenuation fo ±50 KHz fo ±100 KHz fo ±200 KHz fo -900 KHz	20 dB Min 40 dB Min 50 dB Min 70 dB Min
Spurious Response	30 dB Min
Group Delay Distortion	10 µSec Max within fo ±10.5 KHz
Terminating Impedance:	250 Ω // -1.0pF
Number of Poles	3
Operating Temperature Range:	-20°C to +70°C
3 rd Overtone	

*Attenuation excludes Spurious Response unless otherwise noted

3. Mechanical Package: Case Code M

