

SPECIFICATION

COMMERCIALY AVAILABLE

**ITEM: MONOLITHIC CRYSTAL FILTER
PART NUMBER: M70GAC**

Replaces M70GAD, CASE UM-1S is no longer available.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
12/11/2020 ^(ASM)			

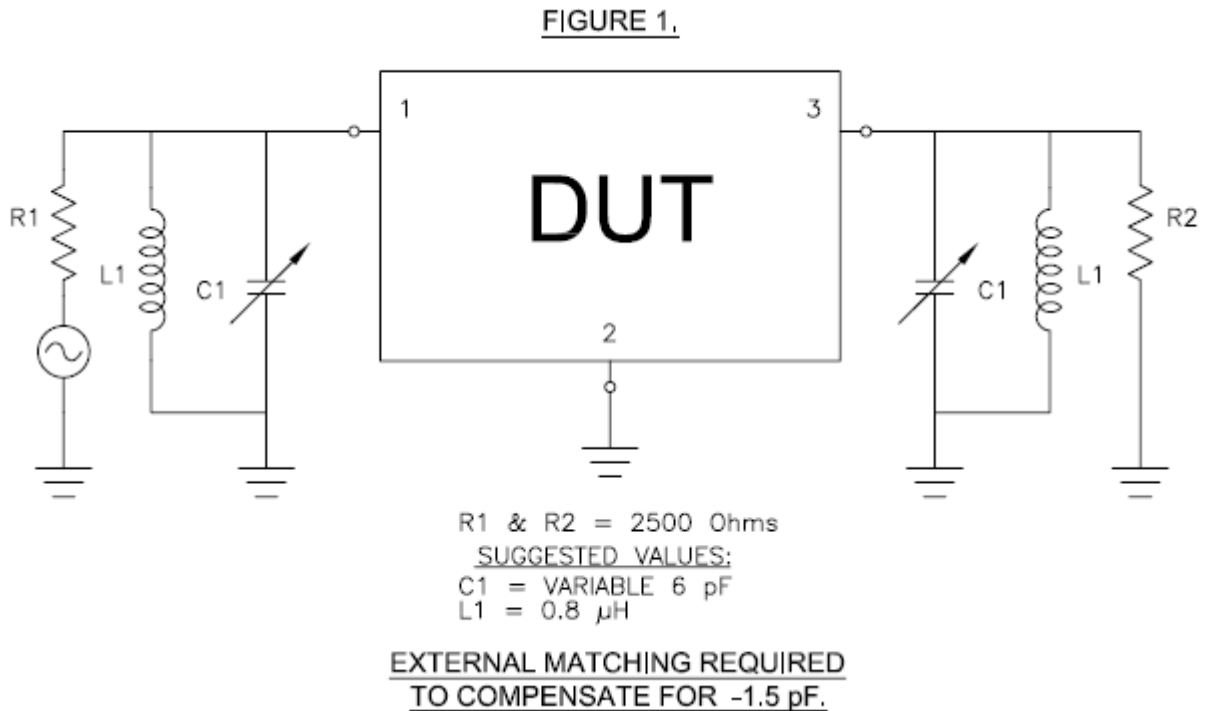
FILTRONETICS Inc

- 1. Part Number: M70GAC
- 2. Electrical Specifications:

Center Frequency (Fo)		70MHz
3 dB Band Width:		±10KHz Min
Insertion Loss:		2dB Max
Pass Band Ripple:		1 dB Max ±7KHz BW
Fo ±40KHz		15 dB Min
Ultimate Attenuation:	Fo -200KHz to -1000KHz	40dB Min
	Fo +500KHz to +1000KHz	35 dB Min
Spurious:		10 dB Typical, 8 dB Max
Impedance:		2500Ω/-1.5pF (R/C) Require External Tuning Circuits at INPUT and OUTPUT *
Operating Temperature:		-20°C to +80°C
Storage Temperature:		-30°C to 85°C
Poles:		2

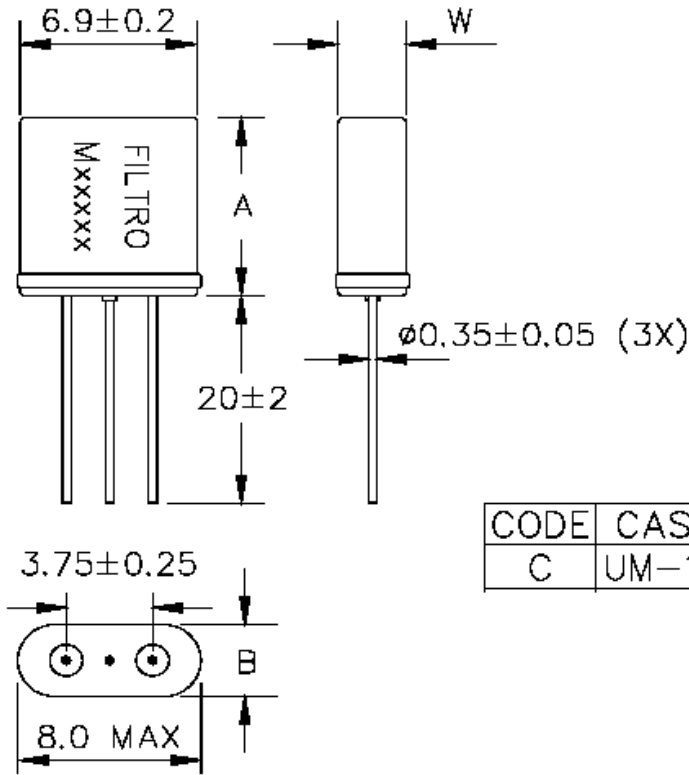
*See Figure 1

Matching Circuit



3. Mechanical Package Style: UM-D

CASE UM-__



Marking:
M70GAC

		DIMENSIONS (mm)		
CODE	CASE	A	B	W
C	UM-1	8.0 MAX	3.0±0.2	2.2±0.2