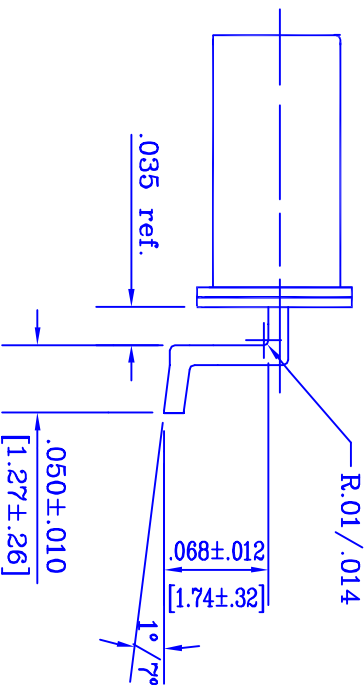
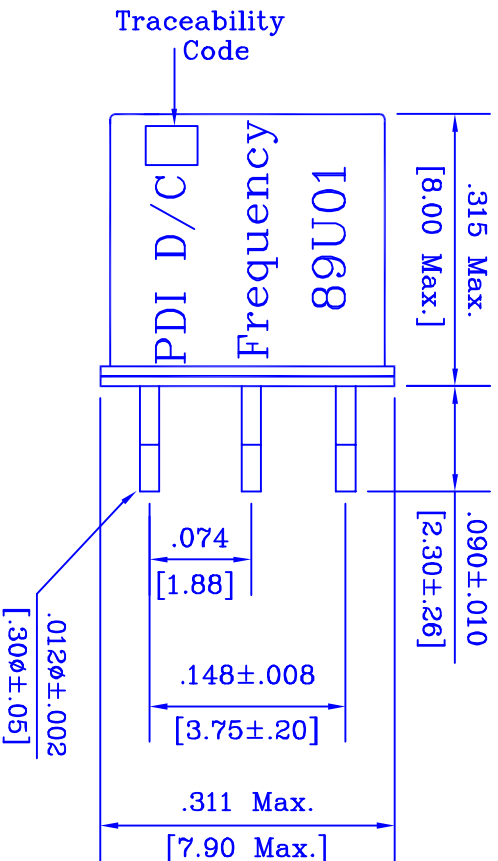


DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
7/99	A	Added Additional Atten. Specs.			0596
6/02	B	Revised Ripple Specifications			1096
6/02	C	Revised Ripple Specifications			1099
2/03	D	Added Additional Crystal Testing Information			10075



Leads shall be coplanar within ±.003 in.

NOTE: Attenuation is measured relative to the passband at 21.400Mhz.

ELECTRICAL SPECIFICATIONS:

1. Center Frequency (F₀): 21.40 Mhz ±0.001Mhz
2. Bandwidth @3.0db: ±7.5Khz Min.
3. Ripple: 0.85dB Max.
4. Insertion Loss: 1.5db Max.
5. Guaranteed Attenuation @±25.0Khz: 18.0db Min. @±50.0Khz: 28.0dB Min.
6. Spurious Attenuation (±50Khz to 1Mhz): 25.0db
7. Operating Temperature Range: -30°C to +60°C
8. Storage Temperature Range: -40°C to +85°C
9. Stability over Temperature: ±500.0Hz
10. Aging @F₀: ±5.0ppm/year
11. Holder Capacitance: 4.0pf Max.
12. Impedance (In/Out): 1.5K Ohms//4.0pf
13. Insulation Resistance: 500 Megohms Min.

- ① NOTES:
1. Crystal filter to be plated with chrome flash and silver overlay.
 2. Filter must be thermal aged for 6-days (144 Hrs.) at +105°C, 100% to final electrical test.

TOLERANCES (EXCEPT AS NOTED)	PRECISION DEVICES INC.		
DECIMAL			
FRACTIONAL	TITLE	DRAWN BY	
ANGULAR	Final Assembly	APPROVED BY	
DATE	2/14/03	DRAWING NUMBER	
		3332G	