



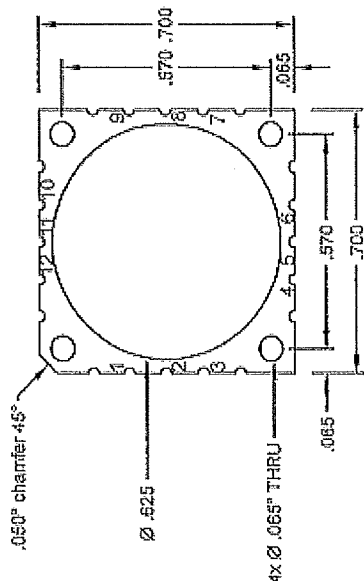
- 2-8 GHz Frequency Coverage
- FM/Phase-Lock Port
- Surface Mount Package
- High Reliability

The MICRO LAMBDA **MLSMO-** Series Permanent Magnet YIG-Tuned Oscillators cover the frequency range of 2 -8 GHz. They are available in customer selected tuning ranges and are fitted with a low power main coil, and FM coil for phase locking. All units operate from a +8 Volt and -5 Volt supply and operate over the 0° to + 65°C temperature range. Units do not require a heater.

Guaranteed Specifications at 0° to +65° C Case Temperature

Micro Lambda Wireless, Inc. - 46515 Landing Parkway, Fremont California 94538 * Phone (510) 770-9221 * Fax (510) 770-9213

BOTTOM VIEW



N.T.S.C.

REV	DESCRIPTION	DATE	APPROVED

1. PCB LAYOUT INFO. AVAILABLE ON REQUEST.
2. ALL PCB TRACES ARE GOLD PLATED.
3. HAND SOLDER OR MOUNT WITH (4) #0-80 SCREWS AND #0 LIGHT SPLIT LOCK WASHER/STAINLESS STEEL.
4. NO REFLOW SOLDER OR SUBMERSED CLEANING.

ABSOLUTE MAXIMUM RATINGS:

$+V = -0.3V$ TO $+8.5V$; $-V = +0.3V$ TO $-5.5V$
 I_{FM} COIL $\leq 250mA$; TUNE COIL $\leq 1200mA$

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ARE :	CONTRACT NO.		MICRO LAMBDA WIRELESS, INC.	
	FRACCTIONS	DECIMALS	ANGLES	
* ** ***	XX ±.02	XXX ±.010		
MATERIAL	DATE		SURFACE MOUNT YIG OSC. (.7" X .7" X .412" HIGH)	
FINISH	DRAWN	N. NGUYEN	5/16/23	
	CHECKED	<i>Handwritten Signature</i>	5/16/23	
	ISSUED			
	SIZE	CAGE NO.	DWG. NO.	REL.
		0R163	99-0091-010	B
SCALE	SHEET			