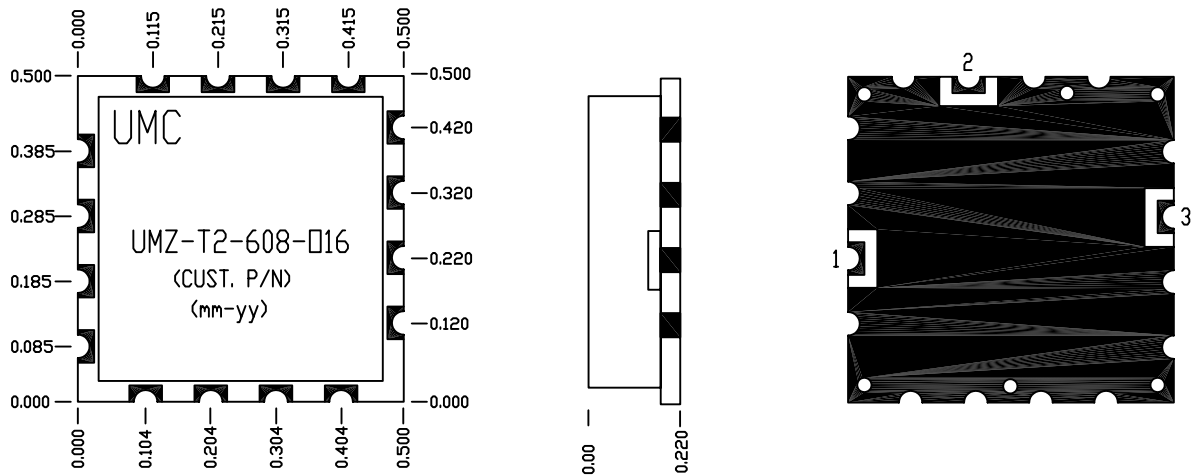


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +100 degrees C
Vcc Voltage, Vdc	+5.5
Vtune Voltage, Vdc	+13.0
DC Voltage applied to RF out	+/- 25



ALL DIMENSIONS IN INCHES

TABLE 1.2, CONTACT ASSIGNMENTS

CONTACT ASSIGNMENTS:	
1: RF OUT	
2: SUPPLY INPUT	
3: TUNING VOLTAGE INPUT	
ALL OTHER CONTACTS ARE GROUND	

Unless otherwise specified, dimensions are in inches

Universal Microwave Corporation
Proprietary Information

Prepared by: M.BANKS 09/25/03

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMZ-T2-608-016

SIZE
A

FSCM NO.

DWG NO.

UP-608

REV
A

SCALE N/A

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	5400	--	6100
Power Output, dBm	-2.5	0	+2.5
Harmonics, dBc	--	-20	-15
SSB Phase Noise, dBc/Hz	--	--	--
@ Offset = 1kHz	--	-65	-60
@ Offset = 10kHz	--	-90	-85
@ Offset = 100kHz	--	-110	-105
@ Offset = 1MHz	--	-130	-125
@ Offset = 10MHz	--	-150	-145
Pushing, MHz/V	--	4.5	9.0
Pulling, MHz p-p, @12dBr, all phases	--	1.0	3.0
Tuning Voltage, Vdc	2		12
Tuning Sensitivity, MHz/V	--	85	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	20	30
@ +85 degrees C, MHz	--	20	30
Supply Voltage, Vdc	--	5	--
Supply Current, mA _{dc}	--	50	55
Output Power @ V _{tune} = 0 and 12V	-10	--	--
Tuning Port Capacitance, pF	--	10	--
3dB Modulation Bandwidth, kHz	--	10,000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified, dimensions are in inches Universal Microwave Corporation Proprietary Information	Universal Microwave Corp. SPECIFICATION CONTROL DRAWING FOR UMZ-T2-608-016			
	Prepared by: M.BANKS 09/25/03	SIZE A	FSCM NO.	DWG NO. UP-608
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE: N/A		SHEET 2 OF 2	