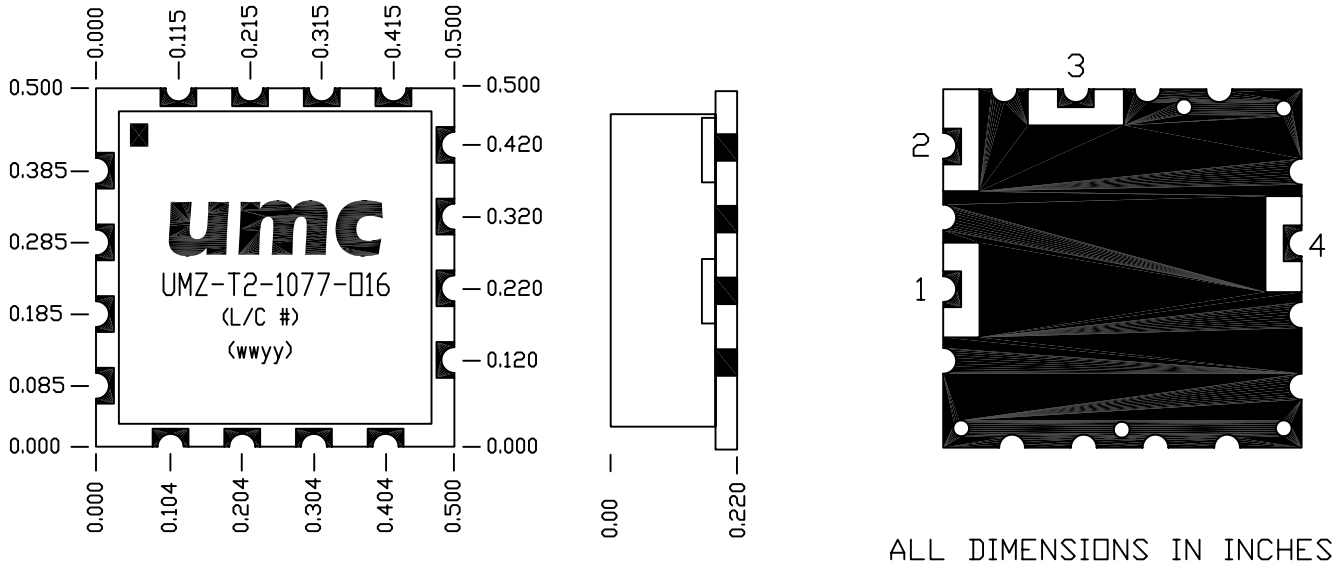




CONFIDENTIAL

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+5.5
Vtune Voltage, Vdc	+11.0
DC Voltage applied to PIN 1	+/- 25
DC Voltage applied to PIN 2	+/- 5

TABLE 1.1, ABSOLUTE MAXIMUM RATINGS



ALL DIMENSIONS IN INCHES

1: RF OUT	
2: 1/2 FREQUENCY SAMPLE	
3: SUPPLY VOLTAGE INPUT	
4: TUNING VOLTAGE INPUT	
ALL OTHER CONTACTS ARE GROUND	

TABLE 1.2, CONTACT ASSIGNMENTS

Unless otherwise specified, dimensions are in inches  
 TOLERANCES  
 .X =+/- .1  
 .XX =+/- .01  
 .XXX =+/- .005  
 ANG =+/- 2°  
 Universal Microwave Corporation  
 Proprietary Information  
 Prepared by: A.BYRD 10/19/05  
 Engineer:  
 Universal Microwave Corporation  
 2339 Destiny Way  
 Odessa, FL 33556

Universal Microwave Corp.  
 SPECIFICATION CONTROL  
 DRAWING FOR UMZ-T2-1077-016

SIZE A	FSCM NO.	DWG NO. UP-1077	REV A
SCALE N/A		SHEET 1 OF 2	

	MIN.	TYP.	MAX.
Frequency, MHz	5600		5800
Power Output, dBm	-3.0	0	+3.0
Harmonics, dBc		-15	-12
SSB Phase Noise, dBc/Hz:			
@ Offset = 1kHz		-73	-68
@ Offset = 10kHz		-98	-93
@ Offset = 100kHz		-118	-113
@ Offset = 1MHz		-138	-133
@ Offset = 10MHz		-158	-153
Pushing, MHz/V		3	5
Pulling, MHz p-p, @12dB, all phases		0.1	0.2
Tuning Voltage, Vdc	+2.0		+10.0
Tuning Sensitivity, MHz/V		36	
Frequency drift with temperature:			
@ -40°C, MHz		14	
@ +85°C, MHz		14	
Supply Voltage, Vdc		+5.0	
Supply Current, mA		55	
Output Power @ $V_t = 0$ and 11V	-4.0		
Tuning Port Capacitance, pF		10	
3dB Modulation Bandwidth, kHz		1000	

TABLE 1.3 ELECTRICAL SPECIFICATIONS

<b>SPECIFICATION CONTROL DRAWING</b>			
Drawing No. UMZ-T2-1077-O16			
Size	A	REV	A
Engineer: T.KRAUS 10/19/05		SHEET 2 OF 2	