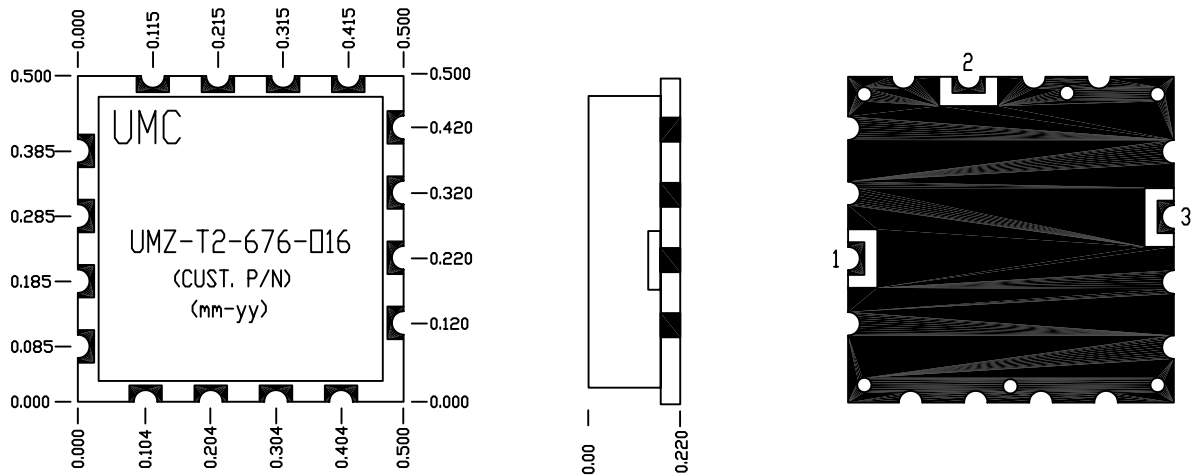


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +100 degrees C
Vcc Voltage, Vdc	+5.5
Vtune Voltage, Vdc	+5.5
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 10/1/03

Universal Microwave Corporation  
2339 Destiny Way  
Odessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL  
DRAWING FOR UMZ-T2-676-016

SIZE  
A

FSCM NO.

DWG NO.

UP-676

REV  
A

SCALE N/A

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	5350	--	5475
Power Output, dBm	-3.0	0	+3.0
Harmonics, dBc	--	-16	-10
SSB Phase Noise, dBc/Hz	--	--	--
@ Offset = 1kHz	--	-71	-66
@ Offset = 10kHz	--	-96	-91
@ Offset = 100kHz	--	-116	-111
@ Offset = 1MHz	--	-136	-131
@ Offset = 10MHz	--	-156	-151
Pushing, MHz/V	--	2.5	3.5
Pulling, MHz p-p, @12dBr, all phases	--	0.1	0.2
Tuning Voltage, Vdc	0.5		5.0
Tuning Sensitivity, MHz/V	--	45	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	18	--
@ +85 degrees C, MHz	--	18	--
Supply Voltage, Vdc	--	5	--
Supply Current, mA <sub>dc</sub>	--	52	--
Output Power @ V <sub>tune</sub> = 0 and 5V	-3.0	--	--
Tuning Port Capacitance, pF	--	57	--
3dB Modulation Bandwidth, kHz	--	1000	--

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-T2-676-016			
	Prepared by: M.BANKS 10/1/03	SIZE A	FSCM NO.	DWG NO. UP-676
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE: N/A		SHEET 2 OF 2	