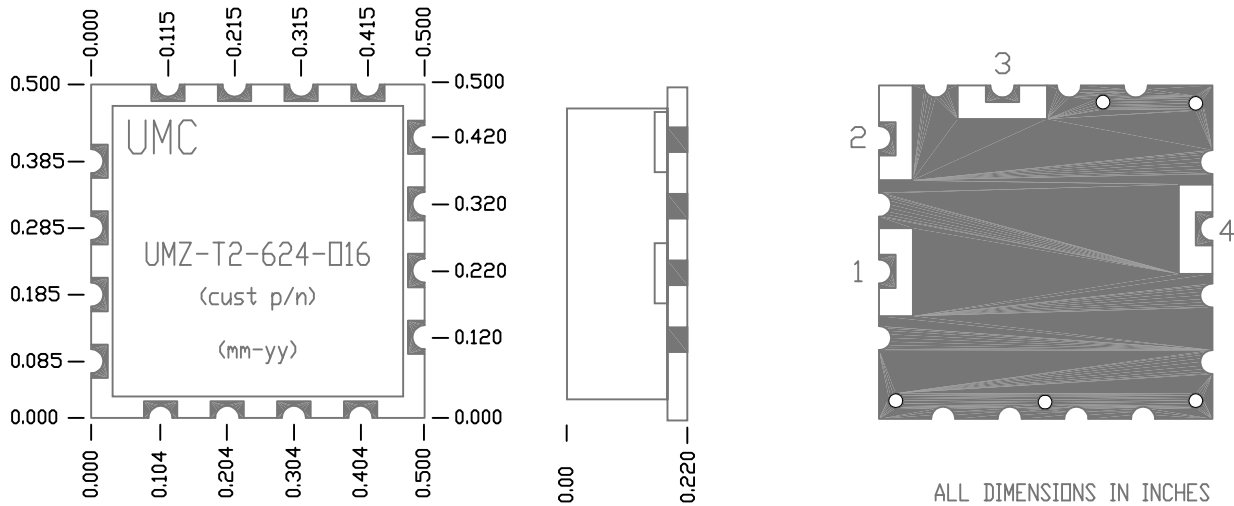


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+11
Vtune Voltage, Vdc	+15
DC Voltage applied to RF out	+/- 25

TABLE 1.1, ABSOLUTE MAXIMUM RATINGS



ALL DIMENSIONS IN INCHES

Contact Assignments:	
1: RF Out	
2: Vcc	
3: V-tune	
All other contacts are Ground	

TABLE 1.2, CONTACT ASSIGNMENTS

Unless otherwise specified, dimensions are in inches File = /P624/SOURCE/SCD1.DWG	Universal Microwave Corp.			
	SPECIFICATION CONTROL DRAWING FOR UMZ-T2-624-016			
Prepared by: Jan Adams    Date: 05-02-02	SIZE A	FSCM NO.	DWG NO. UP-624	REV X
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE		SHEET	



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	4505		5575
Power Output, dBm	-3	0	+3
Harmonics, dBc	--	-20	-10
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-57	-52
@ Offset = 10kHz	--	-87	-82
@ Offset = 100kHz	--	-107	-102
@ Offset = 1MHz	--	-127	-122
@ Offset = 10MHz	--	-147	-142
Pushing, MHz/V	--	5	10
Pulling, MHz p-p, @12dBm, all phases	--	2	5
Tuning Voltage, Vdc	2		10
Tuning Sensitivity, MHz/V	--	180	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	20	--
@ +85 degrees C, MHz	--	20	--
Supply Voltage, Vdc	--	10	--
Supply Current, mAdc	--	49	--
Output Power @ Vtune = 0 and 10V	-3	--	--
Tuning Port Capacitance, pF	--	20	--
3dB Modulation Bandwidth, kHz	--	10,000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,  
dimensions are in inches  
File = /P624/SOURCE/SCD.DWG

Universal Microwave Corp.

SPECIFICATION CONTROL  
DRAWING FOR UMZ-T2-624-016

Prepared by: Jan Adams    Date: 05-02-02

SIZE  
A

FSCM NO.

DWG NO.

UP-624

REV  
X

Universal Microwave Corporation  
2339 Destiny Way  
Odessa, FL 33556

SCALE

SHEET

