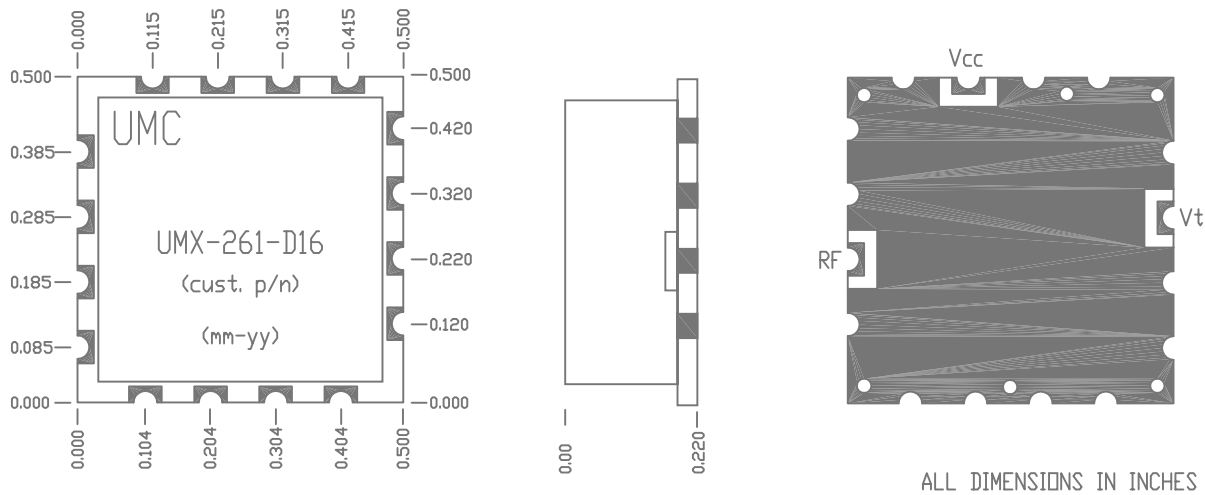


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+6
Vtune Voltage, Vdc	+12
DC Voltage applied to RF out	+/- 25

TABLE 1.1, ABSOLUTE MAXIMUM RATINGS



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 = /P261/SOURCE/SCD1.DWG	Universal Microwave Corp.			
	SPECIFICATION CONTROL DRAWING FOR UMX-261-D16			
Prepared by: Jan Adams Date: 05-29-02	SIZE A	FSCM NO.	DWG NO. UP-261	REV X
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE		SHEET	



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	--	1620	--
Power Output, dBm	0	+2	+4
Harmonics, dBc	--	-15	-10
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-102	-97
@ Offset = 10kHz	--	-127	-122
@ Offset = 100kHz	--	-147	-142
@ Offset = 1MHz	--	-164	-159
@ Offset = 10MHz	--	-164	-159
Pushing, MHz/V	--	0.1	0.3
Pulling, MHz p-p, @12dB _r , all phases	--	0.2	0.4
Tuning Voltage, Vdc	1		11
Tuning Sensitivity, MHz/V	--	1	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	0.7	1.2
@ +85 degrees C, MHz	--	0.7	1.2
Supply Voltage, Vdc	--	5	--
Supply Current, mA _{dc}	--	27	--
Output Power @ V _{tune} = 0 and 11V	-1	--	--
Tuning Port Capacitance, pF	--	57	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,
dimensions are in inches
File = /P261/SOURCE/SCD.DWG

Universal Microwave Corp.

SPECIFICATION CONTROL
FOR UMX-261-D16

Prepared by: Jan Adams Date: 05-29-02

SIZE
A

FSCM NO.

DWG NO.

UP-261

REV
X

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

SCALE

SHEET

