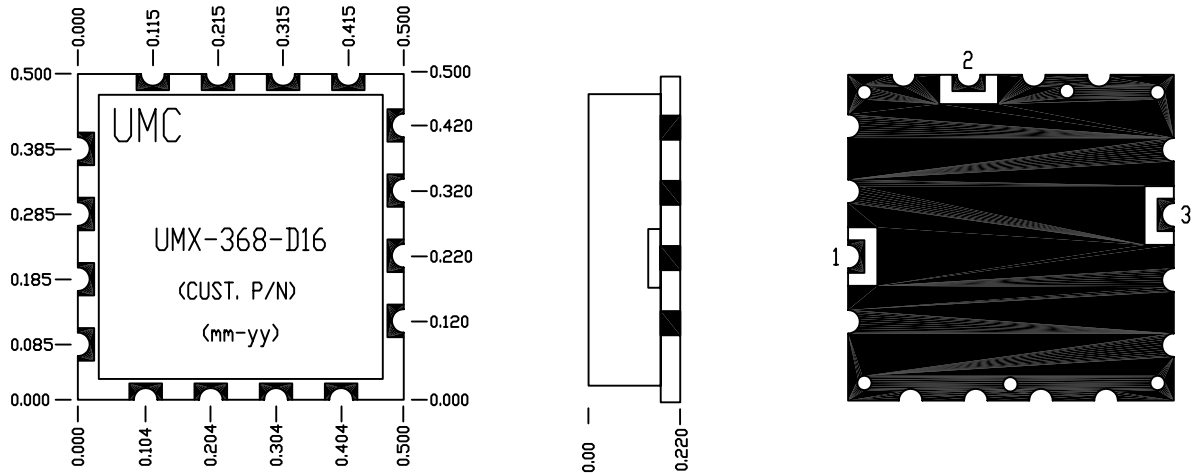


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+7.0
Vtune Voltage, Vdc	+15.0
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 10/10/04
Engineer:

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMX-368-D16

SIZE
A

FSCM NO.

DWG NO.

UP-368

REV
A

SCALE: N/A

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	2020		2210
Power Output, dBm	+5.0	+7.0	+9.0
Harmonics, dBc		-20	-15
SSB Phase Noise, dBc/Hz:			
@ Offset = 1kHz		-83	-78
@ Offset = 10kHz		-108	-103
@ Offset = 100kHz		-128	-123
@ Offset = 1MHz		-148	-143
@ Offset = 10MHz		-160	-155
Pushing, MHz/V		0.9	2
Pulling, MHz p-p, @12dB _r , all phases		2	4
Tuning Voltage, Vdc	+1.0		+14.0
Tuning Sensitivity, MHz/V		22	
Frequency drift with temperature:			
@ -40°C, MHz		4	6
@ +85°C, MHz		4	6
Supply Voltage, Vdc		+6.0	
Supply Current, mA		25	
Output Power @ V _t = 14V	+4.0		
Tuning Port Capacitance, pF		47	
3dB Modulation Bandwidth, kHz		1000	

TABLE 1.3 ELECTRICAL SPECIFICATIONS

SPECIFICATION CONTROL DRAWING			
Drawing No. UMX-368-D16			
Size	A	REV	A
Engineer: T.KRAUS 3/26/03		SHEET 2 OF 2	