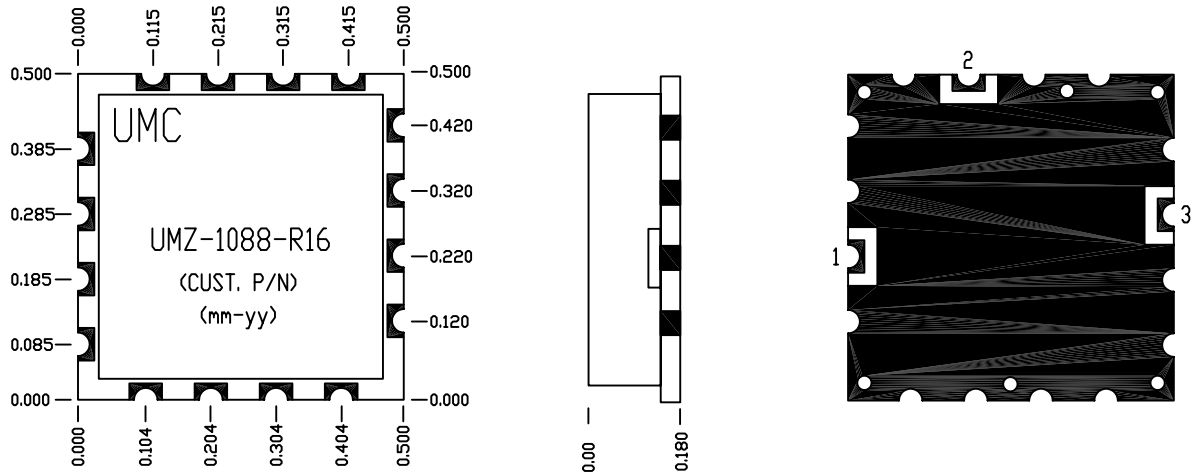


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+13.0
Vtune Voltage, Vdc	+11.0
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 7/19/04
Engineer:

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMZ-1088-R16

SIZE
A

FSCM NO.

DWG NO.

UP-1088

REV
A

SCALE: N/A

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	750		1300
Power Output, dBm	+5.0	+7.0	+9.0
Harmonics, dBc		-20	-10
SSB Phase Noise, dBc/Hz:			
@ Offset = 1kHz		-77	-72
@ Offset = 10kHz		-102	-97
@ Offset = 100kHz		-122	-117
@ Offset = 1MHz		-142	-137
@ Offset = 10MHz			
Pushing, MHz/V		.5	1.0
Pulling, MHz p-p, @12dB _r , all phases		5	8
Tuning Voltage, Vdc	+0.5		+10.0
Tuning Sensitivity, MHz/V		70	
Frequency drift with temperature:			
@ -40°C, MHz		12	18
@ +85°C, MHz		12	18
Supply Voltage, Vdc		+12.0	
Supply Current, mA		28	31
Output Power @ $V_t = 0$ and 9V	+5.0		
Tuning Port Capacitance, pF		47	
3dB Modulation Bandwidth, kHz		5000	

TABLE 1.3 ELECTRICAL SPECIFICATIONS

SPECIFICATION CONTROL DRAWING			
Drawing No. UMZ-1088-R16			
Size	A	REV	A
Engineer:	PJE	SHEET 2 OF 2	