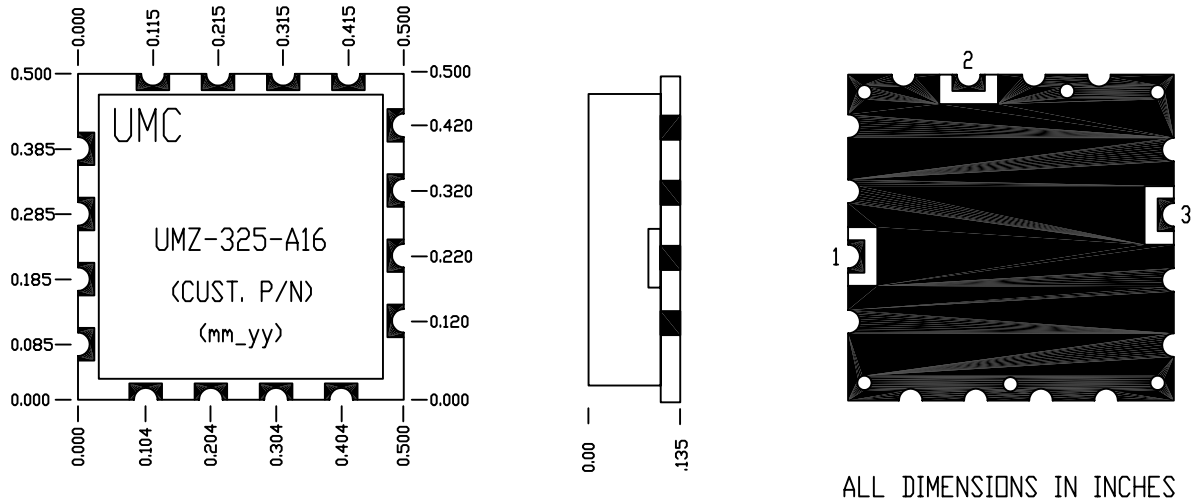


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+5.5
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 Document

Prepared by: MBANKS 4/14/04

Engineer:

Universal Microwave Corporation  
2339 Destiny Way  
Dolessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL  
DRAWING FOR UMZ-325-A16

SIZE  
A

FSCM NO.

DWG NO.

UP-325

REV  
A

SCALE: N/A

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	800		890
Power Output, dBm	-7.0	-4.0	-1.0
Harmonics, dBc	--	-15	-10
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-91	-87
@ Offset = 10kHz	--	-112	-108
@ Offset = 100kHz	--	-132	-128
@ Offset = 1MHz	--	-152	-148
@ Offset = 10MHz	--	-164	-159
Pushing, MHz/V	--	0.2	0.5
Pulling, MHz p-p, @12dBr, all phases	--	0.5	1.0
Tuning Voltage, Vdc	+1.0		+8.0
Tuning Sensitivity, MHz/V	--	21	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	3	5
@ +70 degrees C, MHz	--	3	5
Supply Voltage, Vdc	--	+5.0	--
Supply Current, mAdc	--	15	18
Output Power @ Vtune = 0 and 8V	-6.0	--	--
Tuning Port Capacitance, pF	--	100	--
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-325-A16				
	Prepared by: M.BANKS 4/14/04	SIZE A	FSCM NO.	DWG NO. UP-500	REV A
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE: N/A		SHEET 2 OF 2		