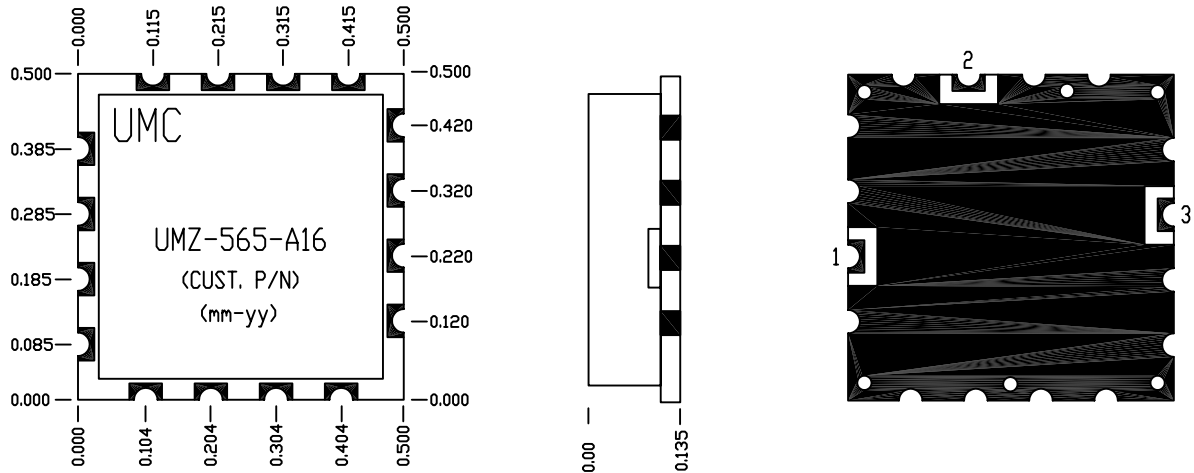


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+7.0
Vtune Voltage, Vdc	+6.5
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 4/12/04
Engineer: D. Lyle

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMZ-565-A16

SIZE
A

FSCM NO.

DWG NO.

UP-565

REV
A

SCALE: N/A

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	300	--	440
Power Output, dBm	+9.0	+11.0	+13.0
Harmonics, dBc	--	-8	-5
SSB Phase Noise, dBc/Hz	--	--	--
@ Offset = 1kHz	--	-80	-75
@ Offset = 10kHz	--	-103	-98
@ Offset = 100kHz	--	-123	-118
@ Offset = 1MHz	--	-143	-138
@ Offset = 10MHz	--	-163	-155
Pushing, MHz/V	--	1	2
Pulling, MHz p-p, @12dBr, all phases	--	5	10
Tuning Voltage, Vdc	0		+5.5
Tuning Sensitivity, MHz/V	--	38	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	5	--
@ +85 degrees C, MHz	--	5	--
Supply Voltage, Vdc	--	+6.0	--
Supply Current, mA _{dc}	--	19	--
Output Power @ V _{tune} = 0 and 6V	+7.0	--	--
Tuning Port Capacitance, pF	--	330	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified, dimensions are in inches Universal Microwave Corporation Proprietary Document	Universal Microwave Corp. SPECIFICATION CONTROL DRAWING FOR UMZ-565-A16			
	Prepared by: M.BANKS 4/12/04	SIZE A	FSCM NO.	DWG NO. UP-565
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE: N/A		SHEET 2 OF 2	