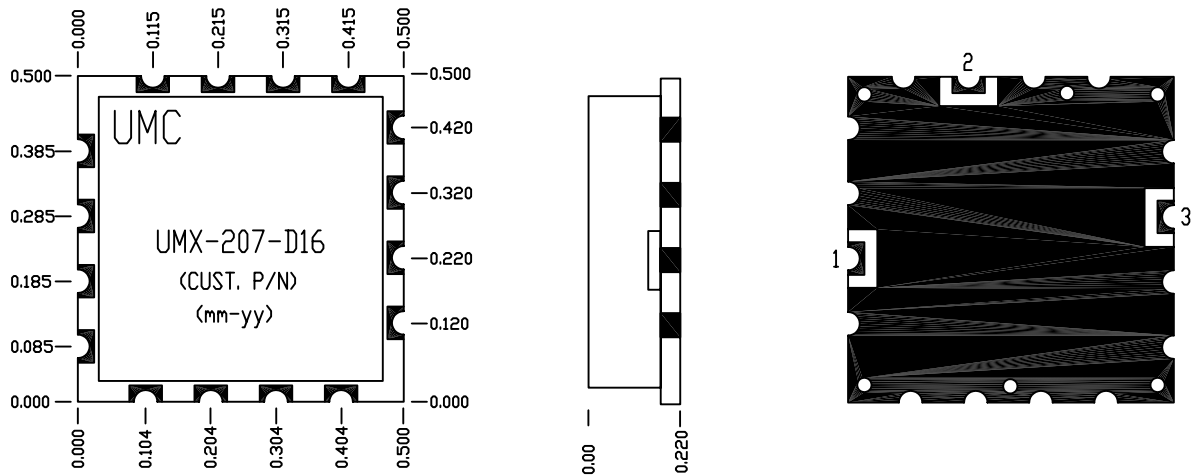


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+5.5
Vtune Voltage, Vdc	+5.0
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	Universal Microwave Corp.		
	SPECIFICATION CONTROL DRAWING FOR UMX-207-D16		
Prepared by: M.BANKS 4/8/04 Engineer:	SIZE A	FSCM NO.	DWG NO. UP-207
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE N/A	SHEET 1 OF 2	
			REV A

	MIN.	TYP.	MAX.
Frequency, MHz	--	1080	--
Power Output, dBm	-2.0	0	+2.0
Harmonics, dBc	--	-15	-10
SSB Phase Noise, dBc/Hz	--	--	--
@ Offset = 1kHz	--	-100	-95
@ Offset = 10kHz	--	-125	-120
@ Offset = 100kHz	--	-145	-140
@ Offset = 1MHz	--	-164	-159
@ Offset = 10MHz	--	-164	-159
Pushing, MHz/V	--	0.2	0.5
Pulling, MHz p-p, @12dBr, all phases	--	1	1.5
Tuning Voltage, Vdc	+0.5		+4.5
Tuning Sensitivity, MHz/V	--	4	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	1	2
@ +85 degrees C, MHz	--	1	2
Supply Voltage, Vdc	--	+5.0	--
Supply Current, mA <sub>dc</sub>	--	27	--
Output Power @ V <sub>tune</sub> = 0 and 5V	-2.0	--	--
Tuning Port Capacitance, pF	--	47	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

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Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE: N/A		SHEET 2 OF 2