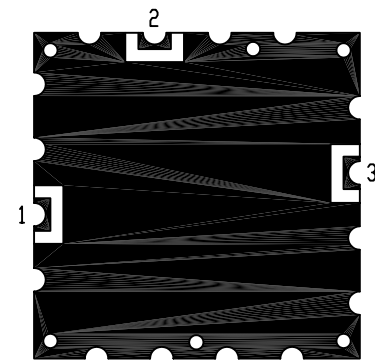
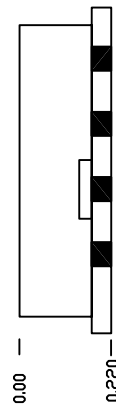
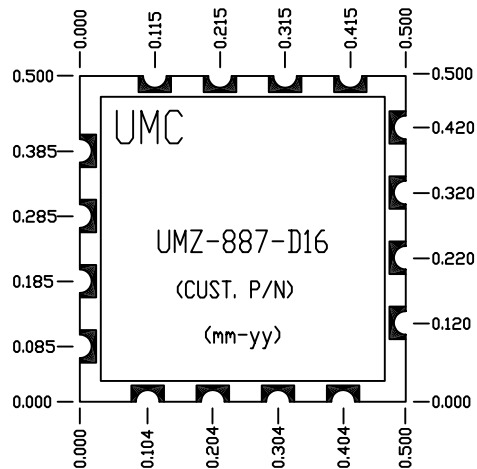


TABLE 1.1, ABSOLUTE MAXIMUM RATINGS

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +100 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 inchesUniversal Microwave Corporation
Proprietary Information

Prepared by: M.BANKS 07/08/03

Engineer:

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMZ-887-D16SIZE
A

FSCM NO.

DWG NO.

UP-887

REV
A

SCALE

DATE: 07/08/03

SHEET 1 OF 2

	MIN.	TYP.	MAX.
Frequency, MHz	962	--	1213
Power Output, dBm	+4.0	+6.0	+8.0
Harmonics, dBc	--	-15	-10
SSB Phase Noise, dBc/Hz	--	--	--
@ Offset = 1kHz	--	-78	-73
@ Offset = 10kHz	--	-106	-101
@ Offset = 100kHz	--	-126	-121
@ Offset = 1MHz	--	-146	-141
@ Offset = 10MHz	--	-164	-159
Pushing, MHz/V	--	1.0	2.5
Pulling, MHz p-p, @12dBr, all phases	--	2.0	4.0
Tuning Voltage, Vdc	0.5	--	4.5
Tuning Sensitivity, MHz/V	--	83	--
Frequency drift with temperature	--	--	--
@ -40 degrees C, MHz	--	9	12
@ +85 degrees C, MHz	--	9	12
Supply Voltage, Vdc	--	5.0	--
Supply Current, mAdc	--	20	--
Output Power @ Vtune = 0 and 4.5V	+3.0	--	--
Tuning Port Capacitance, pF	--	47	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,
dimensions are in inches

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SHEET 2 OF 2