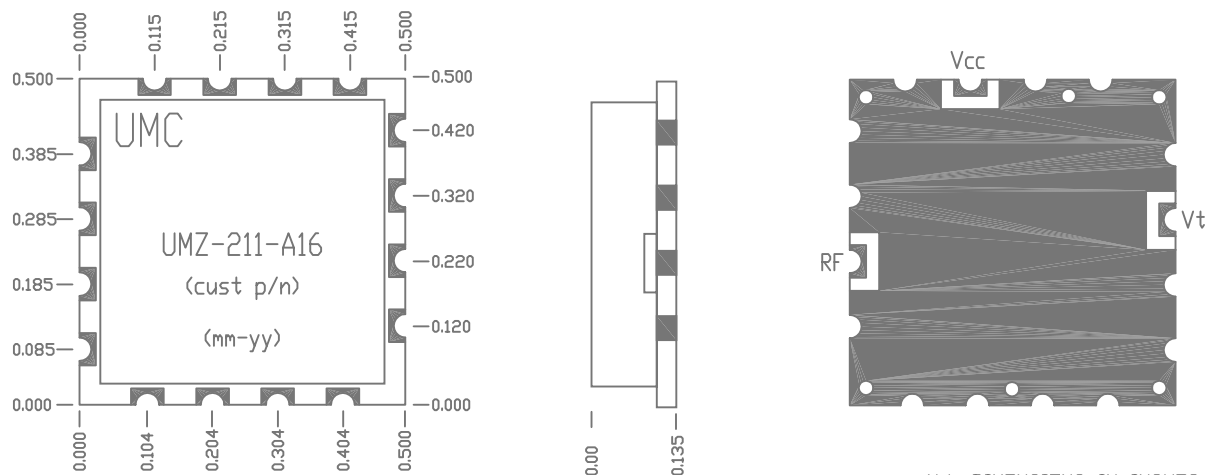


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+6
Vtune Voltage, Vdc	+6
DC Voltage applied to RF out	+/- 25

TABLE 1.1, ABSOLUTE MAXIMUM RATINGS



ALL DIMENSIONS IN INCHES

Contact Assignments:	
1: RF Out	
2: Vcc	
3: V-tune	
All other contacts are Ground	

TABLE 1.2, CONTACT ASSIGNMENTS

Unless otherwise specified, dimensions are in inches File = /P211/SOURCE/SCD1.DWG	Universal Microwave Corp. SPECIFICATION CONTROL DRAWING FOR UMZ-211-A16			
	Prepared by: Jan Adams Date: 07-01-02	SIZE A	FSCM NO.	DWG NO. UP-211
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE	SHEET		

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	400		800
Power Output, dBm	-2.5	0	+2.5
Harmonics, dBc	--	-15	-8
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-75	-70
@ Offset = 10kHz	--	-102	-97
@ Offset = 100kHz	--	-122	-117
@ Offset = 1MHz	--	-142	-137
@ Offset = 10MHz	--	-162	-155
Pushing, MHz/V	--	5	15
Pulling, MHz p-p, @12dB _r , all phases	--	2	5
Tuning Voltage, Vdc	0.4		4.6
Tuning Sensitivity, MHz/V	--	100	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	5	--
@ +85 degrees C, MHz	--	5	--
Supply Voltage, Vdc	--	5	--
Supply Current, mA _{dc}	--	27	--
Output Power @ V _{tune} = 0 and 5V	-4	--	--
Tuning Port Capacitance, pF	--	100	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,
dimensions are in inches
File = /P211/SOURCE/SCD.DWG

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMZ-211-A16

Prepared by: Jan Adams Date: 07-01-02

SIZE
A

FSCM NO.

DWG NO.

UP-211

REV
X

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

SCALE

SHEET