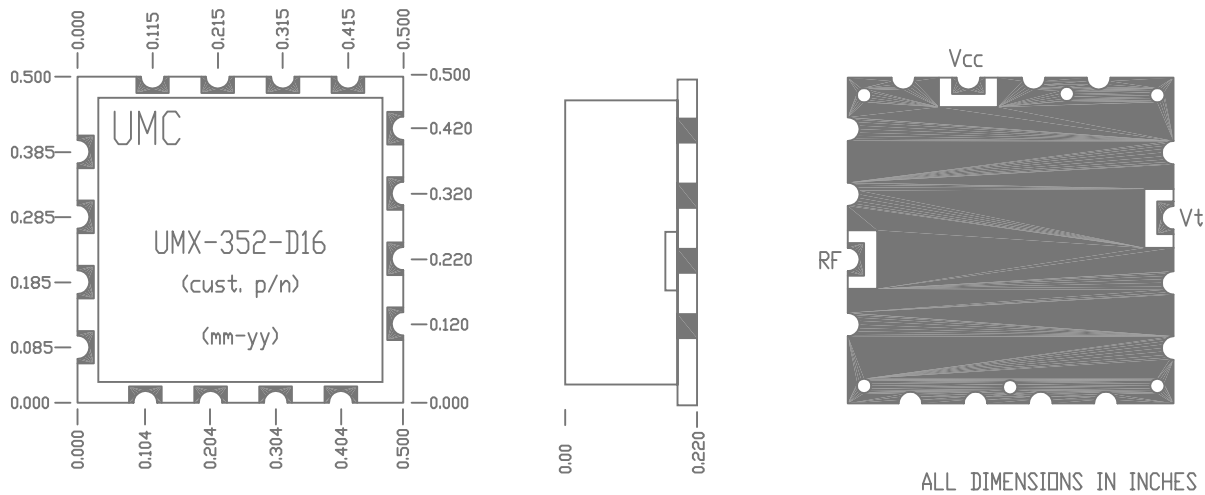


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +125 degrees C
Vcc Voltage, Vdc	+9
Vtune Voltage, Vdc	+13
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 = /P352/SOURCE/SCD1.DWG	Universal Microwave Corp.			
	SPECIFICATION CONTROL DRAWING FOR UMX-352-D16			
Prepared by: Jan Adams Date: 06-17-02	SIZE A	FSCM NO.	DWG NO. UP-352	REV X
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE		SHEET	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	1865		2055
Power Output, dBm	+5	+7	+9
Harmonics, dBc	--	-8	-5
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-85	-80
@ Offset = 10kHz	--	-113	-108
@ Offset = 100kHz	--	-133	-128
@ Offset = 1MHz	--	-153	-148
@ Offset = 10MHz	--	-164	-159
Pushing, MHz/V	--	0.2	1
Pulling, MHz p-p, @12dBm, all phases	--	1	2
Tuning Voltage, Vdc	0		12
Tuning Sensitivity, MHz/V	--	20	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	3	5
@ +85 degrees C, MHz	--	3	5
Supply Voltage, Vdc	--	8	--
Supply Current, mAdc	--	27	30
Output Power @ Vtune = 0 and 12V	+5	--	--
Tuning Port Capacitance, pF	--	57	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,
dimensions are in inches
File = /P352/SOURCE/SCD.DWG

Universal Microwave Corp.

SPECIFICATION CONTROL
FOR UMX-352-D16

Prepared by: Jan Adams Date: 06-17-02

SIZE
A

FSCM NO.

DWG NO.

UP-352

REV
X

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

SCALE

SHEET