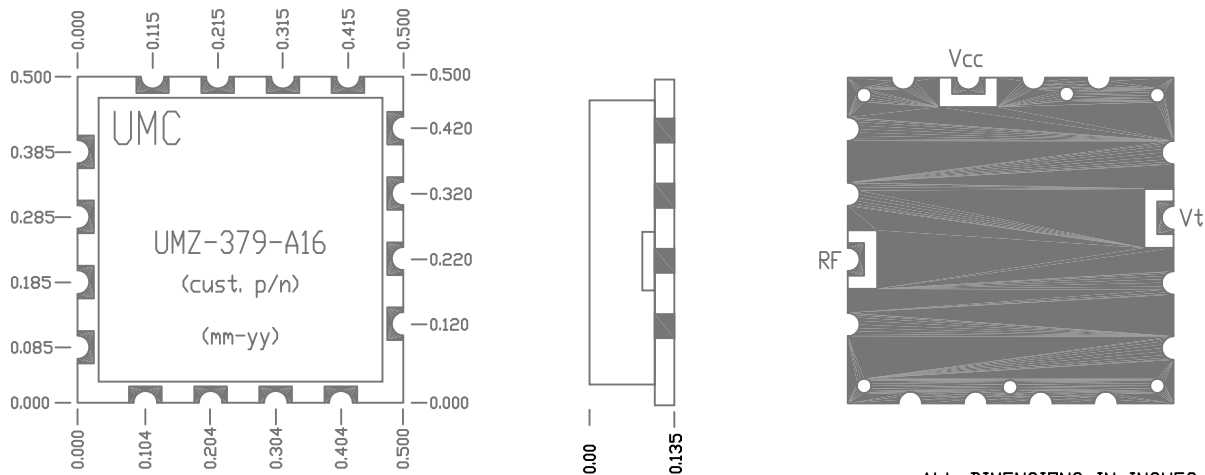


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +100 degrees C
Vcc Voltage, Vdc	+16
Vtune Voltage, Vdc	+15
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 = /P379/SOURCE/SCD1.DWG	Universal Microwave Corp.			
	SPECIFICATION CONTROL DRAWING FOR UMZ-379-A16			
Prepared by: Jan Adams Date: 03-28-02	SIZE A	FSCM NO.	DWG NO. UP-379	REV X
Universal Microwave Corporation 2339 Destiny Way Odessa, FL 33556	SCALE		SHEET	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	700		1200
Power Output, dBm	+8	+11	+13
Harmonics, dBc	--	-20	-15
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-78	-74
@ Offset = 10kHz	--	-103	-100
@ Offset = 100kHz	--	-123	-120
@ Offset = 1MHz	--	-143	-140
@ Offset = 10MHz	--	-155	-152
Pushing, MHz/V	--	0.5	1.5
Pulling, MHz p-p, @12dB _r , all phases	--	6	10
Tuning Voltage, Vdc	1.5		13
Tuning Sensitivity, MHz/V	--	65	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	4	6
@ +85 degrees C, MHz	--	5	8
Supply Voltage, Vdc	--	15	--
Supply Current, mA _{dc}	--	27	--
Output Power @ V _{tune} = 0 and 13V	+8	--	--
Tuning Port Capacitance, pF	--	47	--
3dB Modulation Bandwidth, kHz	--	40000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,
 dimensions are in inches
 File = /P379/SOURCE/SCD.DWG

Universal Microwave Corp.

SPECIFICATION CONTROL
 DRAWING FOR UMZ-379-A16

Prepared by: Jan Adams Date: 03-28-02

SIZE
A

FSCM NO.

DWG NO.

UP-379

REV
X

Universal Microwave Corporation
 2339 Destiny Way
 Odessa, FL 33556

SCALE

SHEET