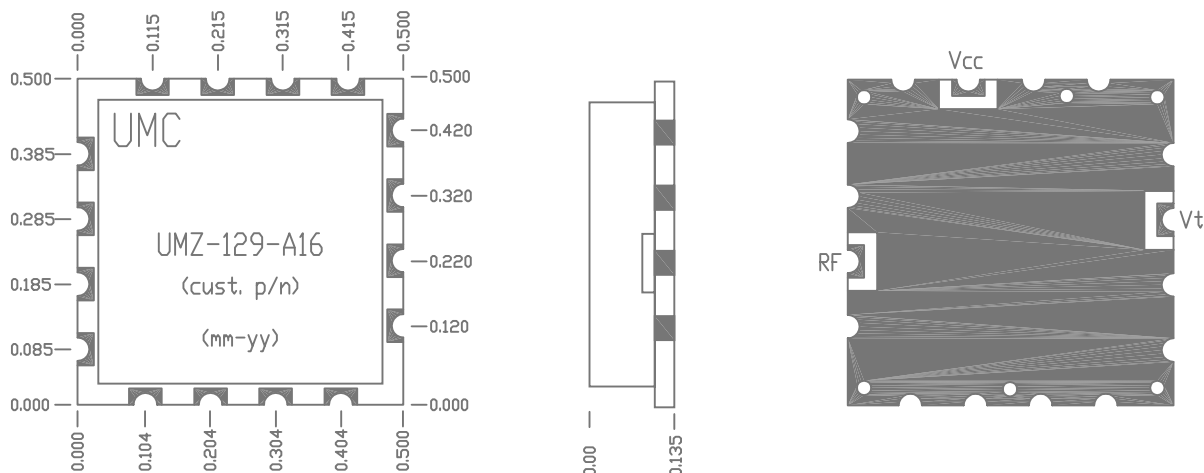


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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 = /P129/SCD1-129.DWG

Universal Microwave Corp.

SPECIFICATION CONTROL
DRAWING FOR UMZ-129-A16

Prepared by: Lisa Lyle Date: 8-26-02

SIZE
A

FSCM NO.

DWG NO.

UP-129

REV
X

Universal Microwave Corporation
2339 Destiny Way
Odessa, FL 33556

SCALE

SHEET



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	745		885
Power Output, dBm	+7	+9	+12
Harmonics, dBc	--	-12	-5
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-81	-76
@ Offset = 10kHz	--	-108	-103
@ Offset = 100kHz	--	-128	-123
@ Offset = 1MHz	--	-148	-143
@ Offset = 10MHz	--	-164	-159
Pushing, MHz/V	--	1	3
Pulling, MHz p-p, @12dBm, all phases	--	2	4
Tuning Voltage, Vdc	0.5		4.5
Tuning Sensitivity, MHz/V	--	45	--
Frequency drift with temperature			
@ -40 degrees C, MHz	--	5	7
@ +85 degrees C, MHz	--	5	7
Supply Voltage, Vdc	--	10	15
Supply Current, mAdc	--	25	--
Output Power @ Vtune = 0 and 5V	+5	--	--
Tuning Port Capacitance, pF	--	100	--
3dB Modulation Bandwidth, kHz	--	1000	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified,
dimensions are in inches
File = /P129/SCD129.DWG

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