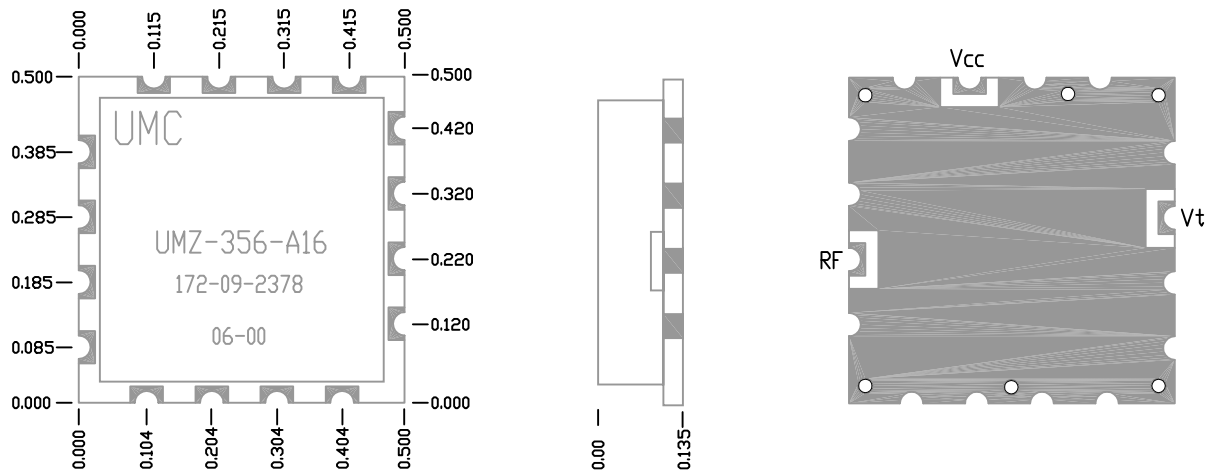


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

Operating Temperature Range	-40 to +85 degrees C
Storage Temperature Range	-55 to +100 degrees C
Vcc Voltage, Vdc	+13
Vtune Voltage, Vdc	+6
DC Voltage applied to RF out	+/- 25

TABLE 1.1, ABSOLUTE MAXIMUM RATINGS



ALL DIMENSIONS IN INCHES

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

TABLE 1.2, CONTACT ASSIGNMENTS

Unless otherwise specified, dimensions are in inches File = /P356/SOURCE/SCD1.DWG	Universal Microwave Corp.			
	SPECIFICATION CONTROL FOR UMZ-356-A16			
Prepared by: David Lyle Date: 11-30-00	SIZE A	FSCM NO.	DWG NO. UP-356	REV X
	SCALE		SHEET	



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

	MIN.	TYP.	MAX.
Frequency, MHz	322		352
Power Output, dBm	+12	+15	+18
Harmonics, dBc	--	-25	-20
SSB Phase Noise, dBc/Hz			
@ Offset = 1kHz	--	-70	-67
@ Offset = 10kHz	--	-100	-97
@ Offset = 100kHz	--	-120	-117
@ Offset = 1MHz	--	-140	-135
@ Offset = 10MHz	--	-155	-150
Pushing, MHz/V	--	0.4	1
Pulling, MHz p-p, @12dB _r , all phases	--	2.0	5.0
Tuning Voltage, Vdc	0.5		4.5
Tuning Sensitivity, MHz/V	--	18	25
Frequency drift with temperature			
@ -40 degrees C, MHz	--	2.4	4.0
@ +85 degrees C, MHz	--	2.2	4.0
Supply Voltage, Vdc	--	12	--
Supply Current, mA _{dc}	--	25	30
Output Power @ V _{tune} = 0 and 5V	+11	--	--
Tuning Port Capacitance, pF	80	100	120
3dB Modulation Bandwidth, kHz	--	100	--

TABLE 1.0, ELECTRICAL SPECIFICATIONS

Unless otherwise specified, dimensions are in inches File = /P356/SOURCE/SCD.DWG	Universal Microwave Corp.			
	SPECIFICATION CONTROL FOR UMZ-356-A16			
Prepared by: David Lyle Date: 11-30-00	SIZE A	FSCM NO.	DWG NO. UP-356	REV X
	SCALE		SHEET	

