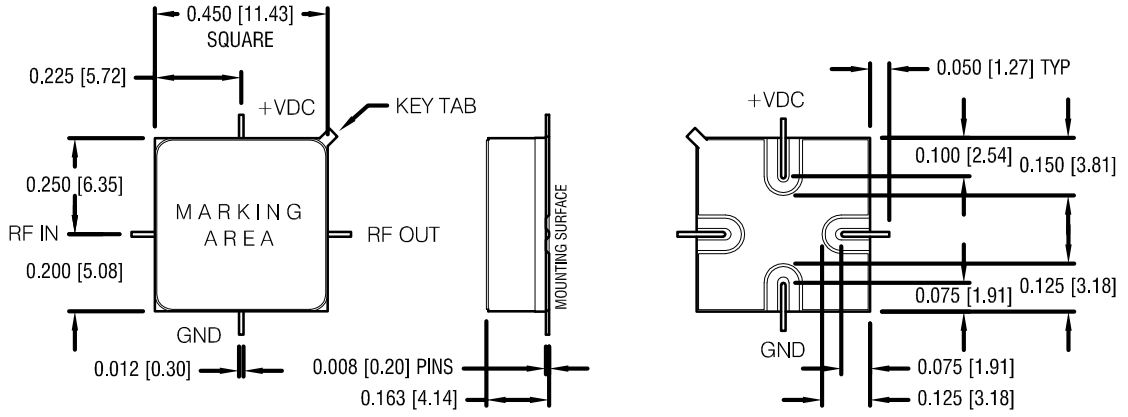
DASH NO.	APPLICATION		REVISIONS			
	NEXT ASSY	USED ON	LTR	DESCRIPTION	DATE	APPROVED
	133720		B	Incorporate ECN 7441	04/09/08	RayS

OUTLINE



SCALE: 2/1

SPECIFICATIONS

RF Frequency Range GHz.	0.2 to 0.5 GHz
RF VSWR In/Out (50 Ohm Ref)	2.0:1 Ratio Max.
Gain (from -40 to 85°C)	15 dB mon to 18 dB Max.
Gain Flatness	+/- 0.5 dB Max.
Noise Figure @ +23°C	0.9 dB Max.
Noise Figure @ +50°C	1.0 dB Max.
Noise Figure @ +85°C	1.2 dB Max.
Impedance, Ohms	50
P1dB (from -40 to +85°C)	+10 dBm Min.
IP3 at Output (from -40 to +85°C)	+23 dBm Min.
IP2 at Output (from -40 to +85°C)	+35 dBm Min.
Voltage	+15 VDC
Current	75 mA nominal
Connectors (IN/OUT)	N/A
Operating Temperature, °C	-40 to +85
Storage Temperature, °C	-55 to +125

NOTES:

1. Units will be unconditionally stable.
2. Maximum DC Input : +28 VDC.
3. Maximum RF Input Power: +20dBm cw
4. Screening: When requested on Customers Purchase Order, Screening will be Per Miteq Drawing 150218.
5. Test Data will include the following at 23°C: Gain, Noise Figure, VSWR, and P1dB.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

DECIMAL .X ±0.1
DECIMAL .XX ±0.01
DECIMAL .XXX ±0.005
ANGLES X° ±30'

	NAME	DATE
DWN BY	RayS	11/02/07
CHK BY	RayS	04/09/08
PROJ ENGR	J. Buonaiuto	04/09/08
SECT HEAD		
Q.C.		
CUST		

MITEQ INC
100 Davids Drive, Hauppauge, New York 11788

AMPLIFIER
AFSM1-00200050-09-10P
SPECIFICATION

SIZE	CODE IDENT. NO.		REV
A	33592	179275	B
SCALE	PROJECT	SHEET 1 OF 1	