




DASH NO.	APPLICATION		REVISIONS			
	NEXT ASSY	USED ON	LTR	DESCRIPTION	DATE	APPROVED
			A	INITIAL RELEASE	8/23/2006	A. Cash
ALL PAGES ARE OF ORIGINAL ISSUE (A) EXCEPT AS NOTED.		CONTR. NO.	 100 Davids Drive, Hauppauge, New York 11788			
		PREP BY ^{NAME} <i>J. Marmila</i> ^{DATE} <i>8/23/2006</i>				
		CHKD BY <i>A. Cash</i> <i>10/26/2006</i>	SPECIFICATION CONTROL DRAWING Ka- BAND MIXER			
		PROJ ENGR <i>J. Marmila</i> <i>11/11/2006</i>				
		APPROVAL (PROJ)	SIZE <i>A</i>	CODE IDENT. NO. <i>33592</i>	<i>170685</i>	
		APPROVAL (GOVT)	SCALE	REV. <i>A</i>	SHEET 1 OF 2	

Marki Microwave P/N: M06169

Electrical Specifications

Input Frequency-

Band 1: 20.2-20.7 GHz
 Band 2: 20.7-21.2 GHz

LO Frequency-

Band 1: 12.95 GHz
 Band 2: 13.45 GHz

LO Drive: +8 to +13 dBm

Output Frequency: 7.25-7.75 GHz

Conversion Loss: 5.5 dB typical
 6.5 dB maximum

Flatness: 0.5 dB/20.2-21.2 GHz

Isolation-

LO/RF: 25 dB typical
 LO/IF: 25 dB typical

Mechanical Specifications

Connectors-

LO: 2.92mm Female
 RF: 2.92mm Female
 IF: SMA Female

Outline Drawing: Marki Microwave Outline M06169

 Hauppauge, New York 11788	SIZE	CODE IDENT. NO.	170685	
	A	33592		
SCALE	REF.	SHEET 2 OF 2	REV. A	