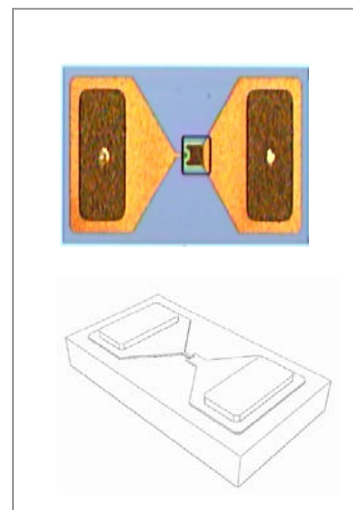


**GaAs Flip Chip Schottky Diodes (KBM-N56-1)**

**Description**

This KBM-N56-1 is a GaAs flip chip Schottky diode which is designed for use as mixer and detector elements at microwave and millimeter wave frequencies. The diode are fully passivated with silicon nitride for scratch protection.

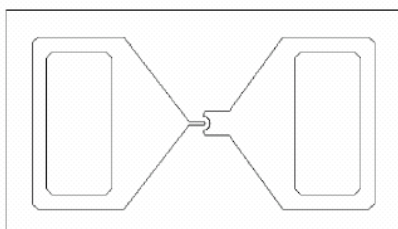
The flip chip configuration is suitable for pick and place insertion. The KBM-N56-1 is priced for high volume commercial and industrial application



**Features**

- High Cutoff frequency
- Designed for Easy Circuit Insertion
- Low Series Resistance
- Low Capacitance
- Low Price

**Outline Dimensions**



Chip Size : 670 x 360 x 125 [um]

**Characteristics**

[Ta= 25 °C ]

Description	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	$V_F$	$I_F=1mA$	600		800	mV
Reverse Current	$I_R$	$V_R=3V$			10	uA
Capacitance	$C_t$	$V=0V$	-		60	fF
Series Resistance	$R_s$	10mA	-		9	$\Omega$