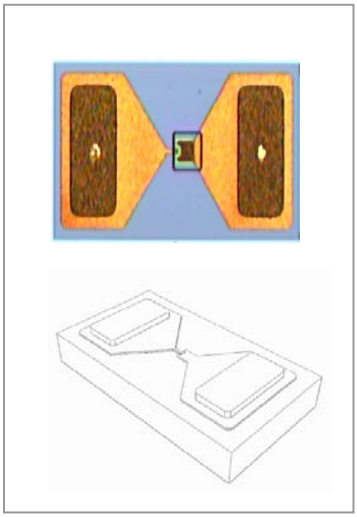
NEW PRODUCT

KODENSHI

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

Description



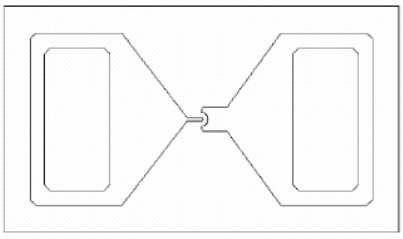
This KBM-N56-1 is a GaAs flip chip Schottky diode which is designed for use as mixer and detector elements at microwave and millimeter wave frequencies. The diode are fully passivated with silicon nitride for scratch protection.

The flip chip configuration is suitable for pick and place insertion. The KBM-N56-1 is priced for high volume comercial 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℃]

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	Ω

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