

Part No. MZBD-9161

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Part No.	MZBD-9161
Description	Zero Bias Beamlead Detector Diode
File Size	523.87 Kbytes
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Manufacturer	MA-COM [M/A-COM Technology Solutions, Inc.]
Direct Link	http://www.macomtech.com
Logo	

MZBD-9161

MACOM™

Zero Bias Beamlead Detector Diode

Rev. V1


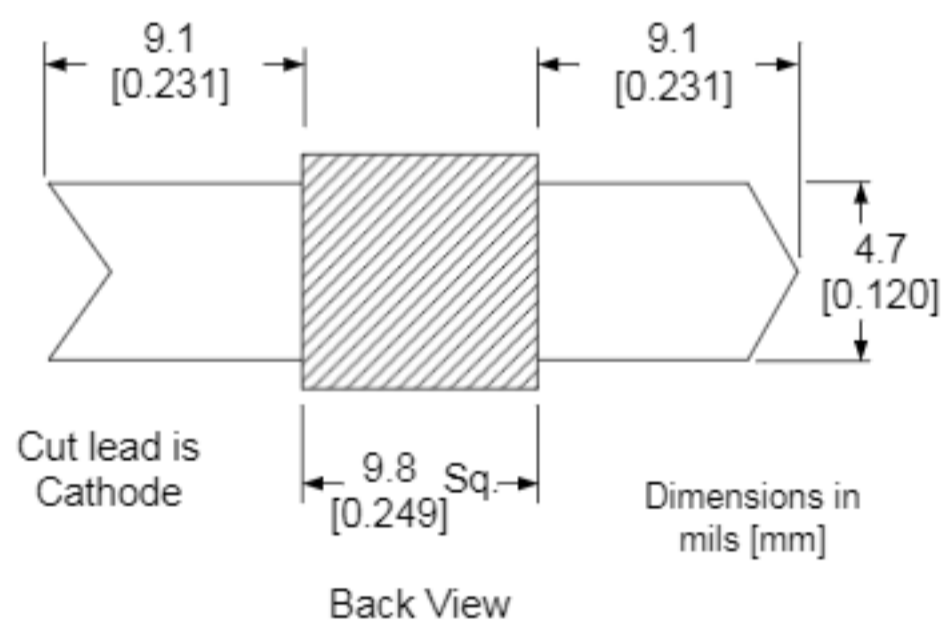
Features

- Low Capacitance
- Low Temperature Coefficient than Silicon
- Operation to 110 GHz
- Rugged Construction
- RoHS* Compliant

Description

The MZBD-9161 is a beam lead detector diode designed for zero bias detecting applications at frequencies through 110 GHz.

These beam lead detector diodes offer superior stability when compared to silicon zero bias Schottky diodes.

Back View

Dimensions in mils [mm]

Electrical Specifications: $T_A = +25^\circ\text{C}$

Parameter	Test Conditions	Unit	Min.	Typ.	Max.
Junction Capacitance (C_J)	1 MHz	pF	—	0.035	—
Video Resistance (R_V)	Zero Bias	k Ω	2.5	—	7.5

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