

CentralTM Semiconductor Corp.

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Manufacturers of World Class Discrete Semiconductors

CMZ2361

FORWARD REFERENCE DIODE
(STABISTOR)

AXIAL LEAD EPOXY CASE

DESCRIPTION

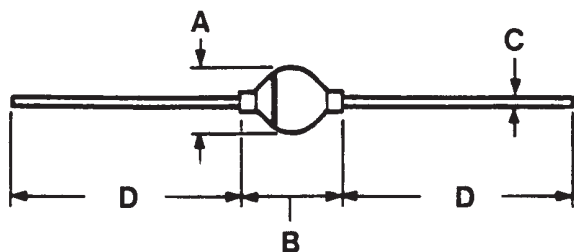
The CENTRAL SEMICONDUCTOR CMZ2361 type is a multi-chip silicon diode mounted in a cost effective epoxy axial leaded case designed for applications requiring controlled forward voltage characteristics such as voltage regulation, sensing, and company. This device is a replacement for the MZ2361. Special selections of DC parameters including V_F (forward voltage drop) at various test conditions are available on special order.

MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)

	<u>SYMBOL</u>		<u>UNIT</u>
Power Dissipation	P_D	400	mW
Operating and Storage Junction Temperature	T_J, T_{stg}	-65 to +150	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS ($T_A=25^\circ\text{C}$ unless otherwise noted)

<u>SYMBOL</u>	<u>TEST CONDITIONS</u>	<u>MIN</u>	<u>MAX</u>	<u>UNIT</u>
V_F	$I_F=10\text{mA}$	1.24	1.44	V
I_R	$V_R=20\text{V}$		10	μA
BV_R	$I_R=5.0\mu\text{A}$	30		V



	<u>INCHES</u>		<u>mm</u>	
	<u>MIN</u>	<u>MAX</u>	<u>MIN</u>	<u>MAX</u>
A	-	.140	-	3.56
B	-	.200	-	5.10
C	.012	.016	0.30	0.40
D	.750	-	19.0	-

OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

CONTACT US

Corporate Headquarters & Customer Support Team

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