

Process Change Notice

Parts Affected:

5.0 watt silicon Zener diodes packaged in the AX-5W axial leaded epoxy case.

Extent of Change:

Devices that are presently packaged in the AX-5W case are being manufactured in the DO-201 case.

Reason for Change:

The AX-5W case has been discontinued due to lack of interest and replaced with the DO-201 case.

See Figures 1 and 2.

Effect of Change:

- Electrical Performance
 - No change
- Physical Dimensions
 - No change in lead diameter
 - No change in lead length
 - Small change in body length, (see Figures 1 and 2 – dimension B)
 - Small change in body width, (see Figures 1 and 2 – dimension C)

Effective Date of Change:

Q3 2005 – Existing inventory will be shipped until depleted.

Sample Availability:

Please contact Salesperson or Manufacturer's Representative.

Part Numbers Affected:

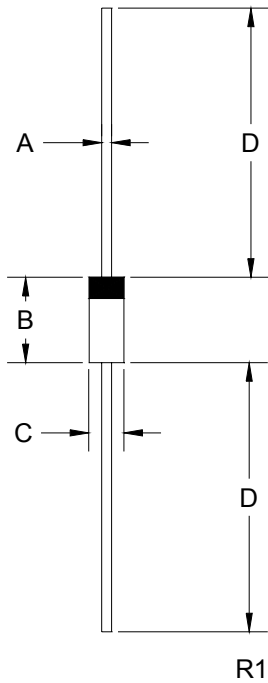
Obsolete Part Number
(AX-5W Case)

1N5008A thru 1N5035A
1N5333B thru 1N5388B
CEN642-1
CEN642-3
CEN819
CEN960
CEN979

Replacement Part Number
(DO-201 Case)

Consult factory
CZ5333B thru CZ5388B
CEN642-1
CEN642-3
CEN819
CEN960
CEN979

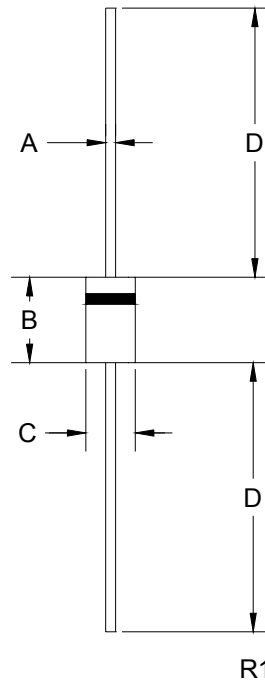
Figures:



| DIMENSIONS | | | | |
|------------|--------|-------|-------------|------|
| SYMBOL | INCHES | | MILLIMETERS | |
| | MIN | MAX | MIN | MAX |
| A | 0.037 | 0.043 | 0.94 | 1.09 |
| B | 0.330 | 0.350 | 8.38 | 8.89 |
| C | 0.130 | 0.145 | 3.30 | 3.68 |
| D | 1.000 | - | 25.40 | - |

AX-5W (REV: R1)

Figure 1: Mechanical Outline of Obsolete AX-5W Case



| DIMENSIONS | | | | |
|------------|--------|-------|-------------|------|
| SYMBOL | INCHES | | MILLIMETERS | |
| | MIN | MAX | MIN | MAX |
| A | 0.037 | 0.042 | 0.94 | 1.07 |
| B | 0.285 | 0.375 | 7.24 | 9.53 |
| C | 0.188 | 0.210 | 4.78 | 5.33 |
| D | 1.000 | - | 25.40 | - |

DO-201(REV: R1)

Figure 2: Mechanical Outline of Replacement DO-201 Case