

Product / Process Change Notice

Parts Affected:

1N5279B, 1N5280B, and 1N5281B high voltage Zener diodes in the DO-35 glass case.

Extent of Change:

Case type is being changed from DO-35 glass case to DO-35A glass case.
No changes are being made to the part numbers.

Reason for Change:

Wafer processes were optimized to achieve consistent wafer yields which caused an increase in the overall die size to 44 mils². It was necessary to package the 44 mils² die into the slightly larger DO-35A glass case since it would not fit into the DO-35 glass case.

Effect of Change:

The V_F MAX limit @ I_F=200mA is changed from 1.1V MAX to 1.2V MAX; all other electrical characteristics remain unchanged.

The DO-35A glass case has a 31% larger body diameter as compared to the DO-35 glass case however the lead diameter remains unchanged at 0.020" nominal. This will insure a drop-in replacement to existing printed circuit board designs.

Qualification:

Standard evaluation and qualifications completed resulting in no performance differences compared to current product.

Effective Date of Change:

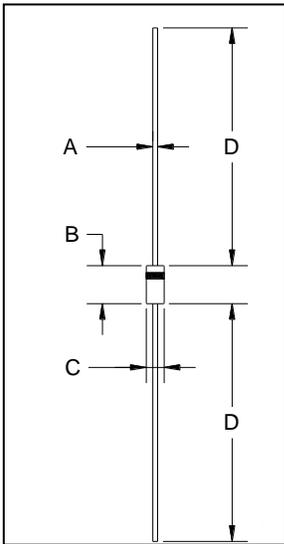
August 2013. Existing inventory will continue to be shipped until depleted.

Sample Availability:

Please contact Salesperson or Manufacturer's Representative.

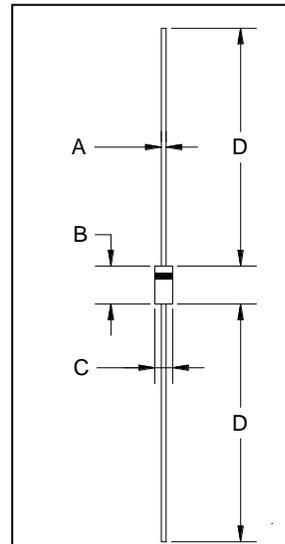
Figures:

Figure 1: DO-35 Mechanical Outline



SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.018	0.022	0.46	0.56
B	0.120	0.200	3.05	5.08
C	0.060	0.090	1.52	2.29
D	1.000	-	25.40	-
DO-35				

Figure 2: DO-35A Mechanical Outline



SYMBOL	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.018	0.022	0.46	0.56
B	0.120	0.200	3.05	5.08
C	0.060	0.118	1.52	3.00
D	1.000	-	25.40	-
DO-35A				

Part Numbers Affected:

1N5279B
1N5280B
1N5281B