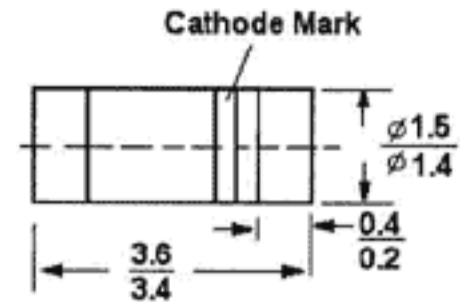


SILICON PLANAR ZENER DIODES

Standard Zener voltage tolerance is 620%. Add suffix "A" for 610% tolerance and suffix "B" for 65% tolerance. Other tolerance, non standard and higher Zener voltages upon request.

These diodes are also available in DO-35 case with the type designation 1N5225...1N5262

These diodes are delivered taped.
Details see "Taping".



Glass case MiniMELF

Weight approx. 0.05g
Dimensions in mm

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

	Symbol	Value	Unit
Zener Current see Table "Characteristics"			
Power Dissipation	P_{tot}	500 ¹⁾	mW
Junction Temperature	T_j	175	$^\circ\text{C}$
Storage Temperature Range	T_s	-65 to +175	$^\circ\text{C}$

¹⁾ Valid provided that electrodes are kept at ambient temperature.

Characteristics at $T_{\text{amb}} = 25^\circ\text{C}$

	Symbol	Min.	Typ.	Max.	Unit
Thermal Resistance Junction to Ambient Air	R_{thA}	-	-	0.3 ¹⁾	K/mW
Forward Voltage at $I_F=200\text{mA}$	V_F	-	-	1.1	V

¹⁾ Valid provided that electrodes are kept at ambient temperature.