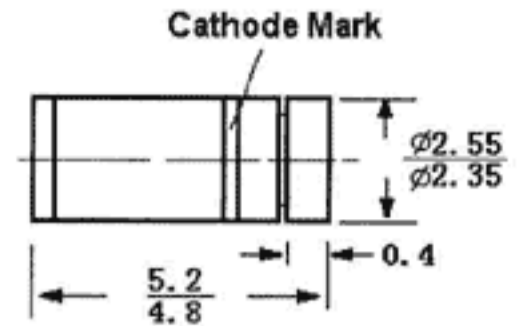


SILICON PLANAR POWER ZENER DIODES

for use in stabilizing and clipping circuits with high power rating. Standard Zener voltage tolerance is 610%. Add suffix "A" for 65% tolerance. Other tolerances available upon request.

These diodes are also available in DO-41 case with the type designation 1N4728...1N4764

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



Glass case MELF

Weight approx. 0.25g
Dimensions in mm

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

	Symbol	Value	Unit
Zener Current see Table "Characteristics"			
Power Dissipation	P_{tot}	1 ¹⁾	W
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 $T_{amb} = 25^\circ\text{C}$

	Symbol	Min.	Typ.	Max.	Unit
Thermal Resistance Junction to Ambient Air	R_{thA}	-	-	170 ¹⁾	K/W
Forward Voltage at $I_F=200\text{mA}$	V_F	-	-	1.2	V

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