



Image shown is a representation only. Please refer to specifications for exact electrical and dimensional measurements.

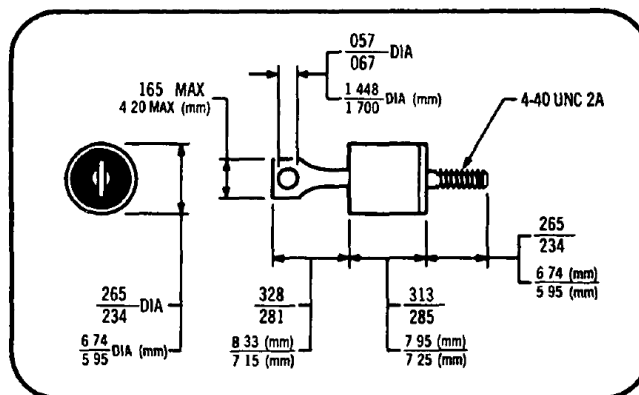
### Abstract

The 1N4037 is a member of a family of Zener reference diodes manufactured and distributed by American Microsemiconductor Inc. This electrical component is hermetically sealed within a metal stud casing, which makes it highly durable with great longevity.

### Electrical Characteristics

	Value	Unit
Military/High Rel	N	
V <sub>Z</sub> Nom. Reference Voltage	62	V
@ I <sub>Z</sub> Test Cond.	20	mA
I <sub>ZM</sub> Max. DC Zener Current	65	mA
Tolerance	20	%
P <sub>D</sub> Max.	5.0	W
Z <sub>Z</sub> Max. Dyn. Imped.	50	K
Temp. Coef. pp/10K	0.97	%/°C
Maximum Operating Temp.	180	°C
Mounting Style	T	

### Dimensional Schematic



### Package Style Overview

