AMERICAN MICROSEMICONDUCTOR

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1N4037

Zener Diode

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

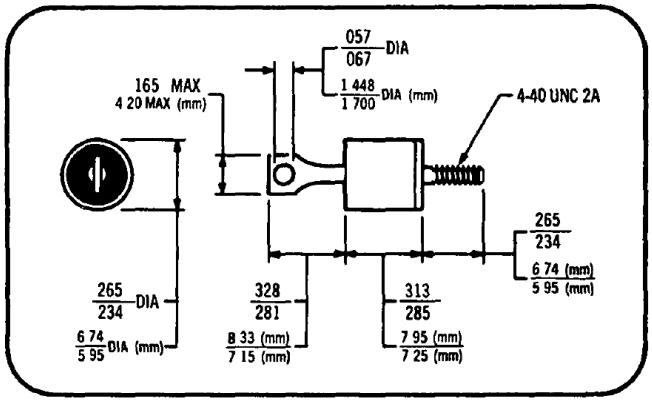
Abstract

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.

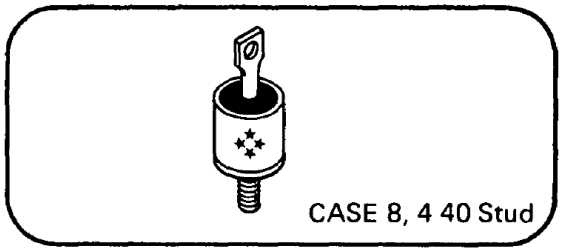
Electrical Characteristics

	Value	Unit
Military/High Rel	N	
V_Z Nom. Reference Voltage	62	V
@ I_Z Test Cond.	20	mA
I_{ZM} Max. DC Zener Current	65	mA
Tolerance	20	%
P_D Max.	5.0	W
Z_Z Max. Dyn. Imped.	50	K
Temp. Coef. pp/10K	097	%/°C
Maximum Operating Temp.	180	°C
Mounting Style	T	

Dimensional Schematic



Package Style Overview



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