

1N5913B - 1N5957B

V_Z : 3.3 - 240 Volts

P_D : 3 Watts

FEATURES :

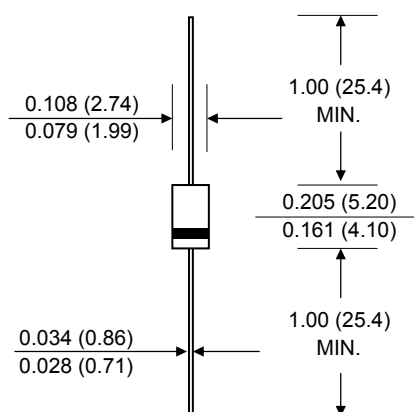
- * Complete Voltage Range 3.3 to 200 Volts
- * High peak reverse power dissipation
- * High reliability
- * Low leakage current
- * **Pb / RoHS Free**

MECHANICAL DATA

- * Case : DO-41 Molded plastic
- * Epoxy : UL94V-O rate flame retardant
- * Lead : Axial lead solderable per MIL-STD-202, method 208 guaranteed
- * Polarity : Color band denotes cathode end
- * Mounting position : Any
- * Weight : 0.335 gram

SILICON ZENER DIODES

DO - 41



Dimensions in inches and (millimeters)

MAXIMUM RATINGS

Rating at 25 °C ambient temperature unless otherwise specified

Rating	Symbol	Value	Unit
Maximum Steady state Power Dissipation @ T _L = 75 °C, Lead Length = 3/8"	P _D	3.0	W
Derate above 75 °C		24	mW/°C
Steady State Power Dissipation @ T _L = 50 °C, Lead Length = 3/8"	P _D	1.0	W
Derate above 50 °C		6.67	mW/°C
Operating and Storage Temperature Range	T _J , T _{STG}	- 65 to + 200	°C