

2EZ4.3D2

V_Z : 4.3 Volts

P_D : 2 Watts

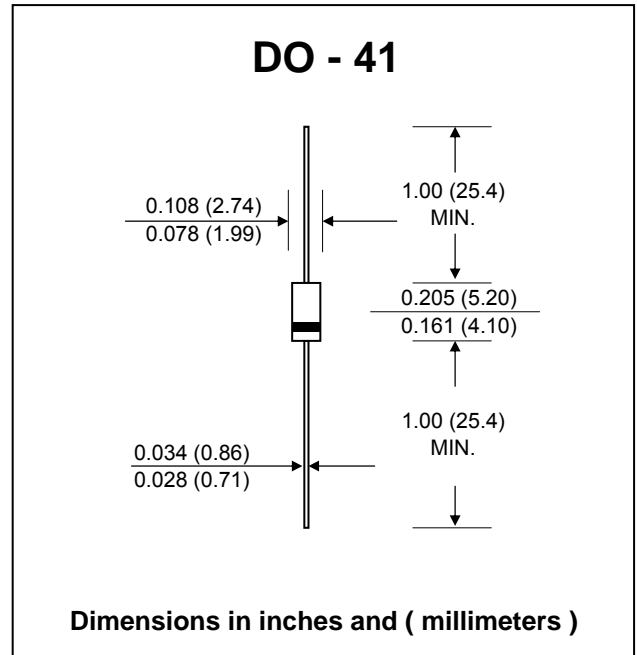
FEATURES :

- * High peak reverse power dissipation
- * High reliability
- * Low leakage current
- * ± 2% tolerance
- * 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 : 0.339 gram

SILICON ZENER DIODE



MAXIMUM RATINGS

Rating at 25 °C ambient temperature unless otherwise specified

Rating	Symbol	Value	Unit
DC Power Dissipation at T _L = 75 °C (Note1)	P _D	2.0	W
Maximum Forward Voltage at I _F = 200 mA	V _F	1.2	V
Junction Temperature Range	T _J	- 55 to + 175	°C
Storage Temperature Range	T _{STG}	- 55 to + 175	°C

Note : (1) T_L = Lead temperature at 3/8 " (9.5mm) from body

ELECTRICAL CHARACTERISTICS

Rating at 25 °C ambient temperature unless otherwise specified

Zener Voltage @ I _{ZT} = 116 mA			Maximum Zener Impedance			Maximum Reverse Leakage Current		Maximum DC Zener Current
Min.	Nom.	Max.	Z _{ZT} @ I _{ZT}	Z _{ZK} @ I _{ZK}	I _{ZK}	I _R @ V _R		I _{ZM}
(V)	(V)	(V)	(Ω)	(Ω)	(mA)	(μA)	(V)	(mA)
4.214	4.300	4.386	4.5	400	1.0	50	1.0	434

Fig. 1 POWER TEMPERATURE DERATING CURVE

