

2EZ2.0D5 - 2EZ2.2D5

V_Z : 2.0 - 2.2 Volts

P_D : 2 Watts

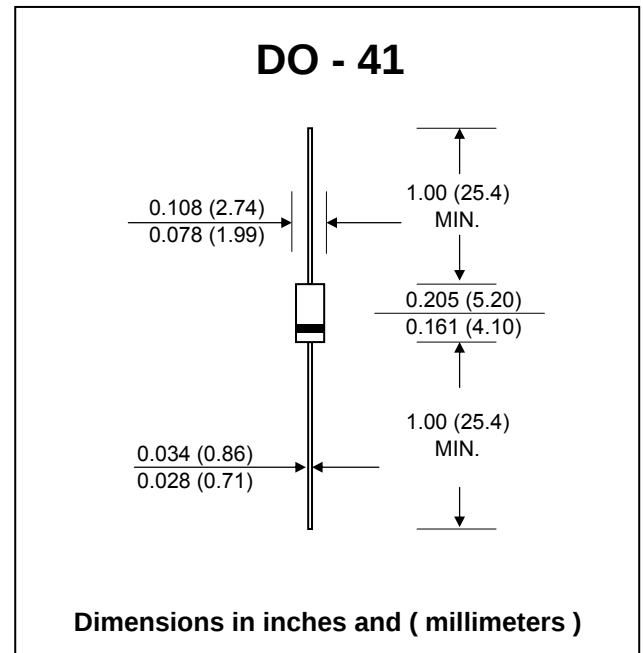
FEATURES :

- * High peak reverse power dissipation
- * High reliability
- * Low leakage current
- * $\pm 5\%$ 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 $T_L = 75\text{ °C}$ (Note1)	P_D	2.0	W
Maximum Forward Voltage at $I_F = 200\text{ mA}$	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

Type No.	Zener Voltage @ $I_{ZT} = 40\text{ mA}$			Maximum Zener Impedance		Maximum Reverse Leakage Current		Maximum DC Zener Current
	Min.	Nom.	Max.	$Z_{ZT} @ I_{ZT}$	I_{ZT}	$I_R @ V_R$		I_{ZM}
	(V)	(V)	(V)	(Ω)	(mA)	(μA)	(V)	(mA)
2EZ2.0D5	1.90	2.00	2.10	25	40	200	0.5	900
2EZ2.2D5	2.09	2.20	2.31	20	40	200	0.7	818