



SEMICONDUCTOR

TECHNICAL SPECIFICATION

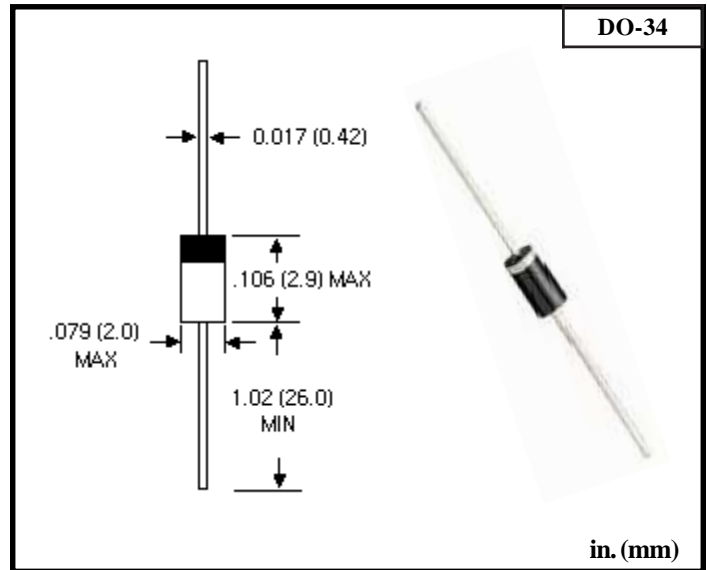
GDZJ6.2 B & C

ZENER DIODE

Absolute Maximun Ratings (Ta=25°C)

	Symbol	Value	Unit
Zener Current see Table "Chara."			
Power Dissipation at Tamb = 25 C	P _{tot}	500*	mW
Junction Temperature	T _j	175	C
Storage Temperature	T _s	-65 to + 175	C

*Valid provided that leads at a distance of 10 mm from case are kept at ambient temperature.



Electrical Characteristics Ta = 25°C

PART	V _Z (V)		I _Z (mA)	I _f (mA)	V _f (V)		V _R (V)	I _R (uA) MAX	I _{zt} (mA)	Z _{zt} (ohms) MAX	I _{zk} (mA)	Z _{zk} (ohms) MAX
	MIN	MAX			MIN	MAX						
GDZJ6.2B	5.96	6.27	5	100	0.2	1.0	3.0	5	5	60	1	300
GDZJ6.2C	6.12	6.44	5	100	0.2	1.0	3.0	5	5	60	1	300

Characteristics at Tamb = 25 °C

	Symbol	Min.	Typ.	Max.	Unit
Thermal Resistance Junction to Ambient Air	R _{thA}	-	-	0.3 ¹	K / mW
Foward Voltage at I _F = 100 mA	V _F	-	-	1	V

1. Valid provided that leads at a distance 10mm from case are kept at amient temperature.