

- 1.PRODUCT ZENER DIODE
- 2.TYPE HDZMV4Z01 5.1B
- 3.APPLICATION Voltage Regulation
- 4.FEATURE · Small mold type (UMD2)
 · High reliability
 · By chip-mounter, automatic mounting is possible.

5.ABSOLUTE MAXIMUM RATING (Ta=25°C)

Power dissipation	P(※)	500 mW
Junction temperature	Tj	150 °C
Storage temperature	Tstg	-55~150 °C
Operation temperature	Topr	-55~150 °C

(※)Mounting on FR-5 board(3.5×1.5[inches])

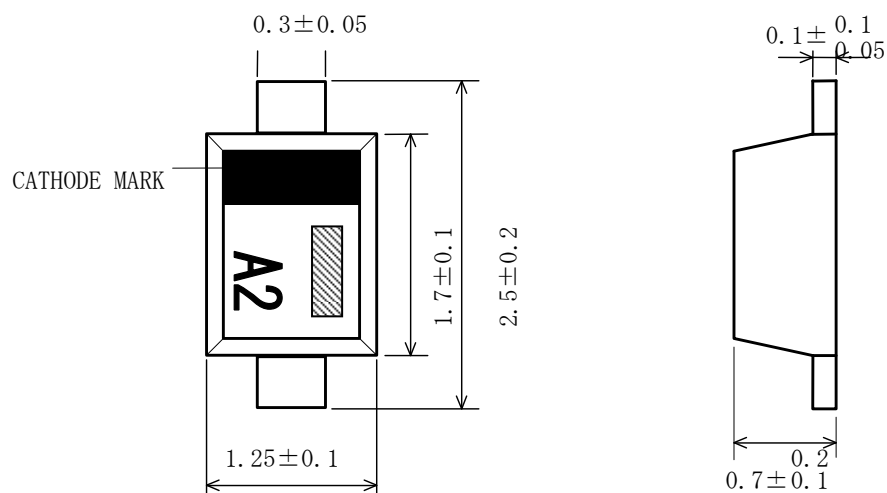
6.ELECTRICAL CHARACTERISTIC (Ta=25°C)

Characteristic	Symbol	Test Condition	Standard	
			MIN.	MAX.
Zener voltage	Vz	Iz= 5 mA	4.980 V	5.200 V
Dynamic impedance	Zz	Iz= 5 mA	-	80Ω
Dynamic Knee impedance	Zzk	Iz= 0.5 mA	-	500Ω
Reverse current	IR	VR= 1.5 V	-	2μA

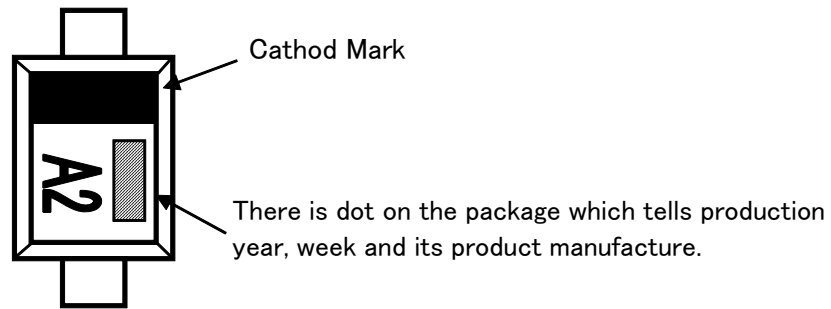
(1) Zener voltage(Vz) shall be measured at 40ms after loading current.

(2) Dynamic resistance(Zz,Zzk) shall be measured by applying very small AC current and specified current(Iz) simultaneously.

7.DIMENSION (UNIT:mm)



8.MARKING



「A2」is the sign which shows HDZMV4Z01 5.1B

Notes

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