

Zener diode

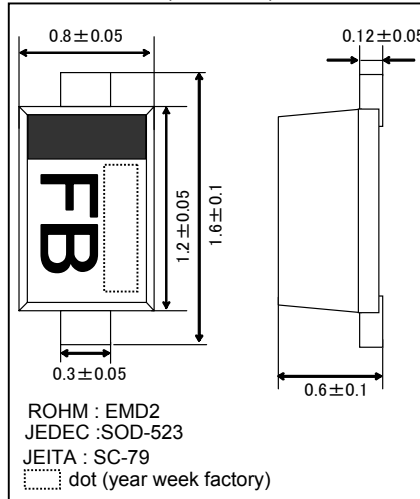
EDZC6.8B

●Applications
Voltage regulation

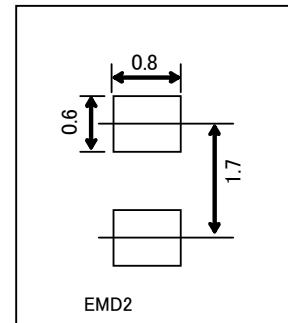
●Features
1) Ultra small mold type. (EMD2)
2) High reliability
3) Bi chip-mounter automatic mounting is possible.

●Construction
Silicon epitaxial planar

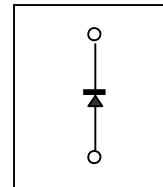
●Dimensions (Unit : mm)



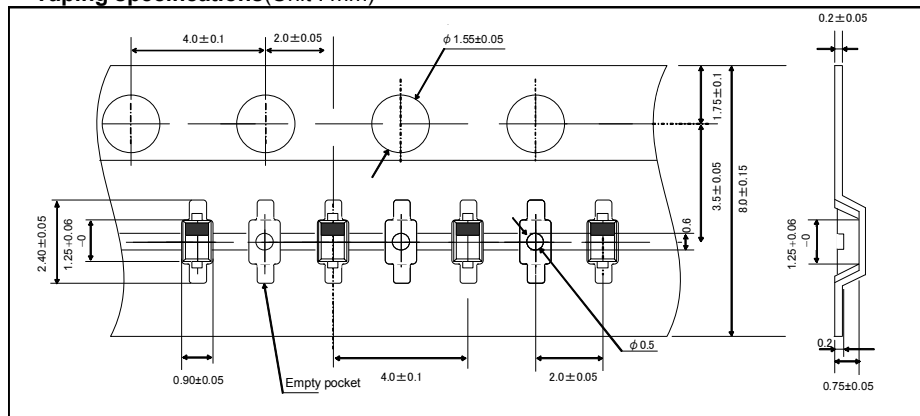
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)

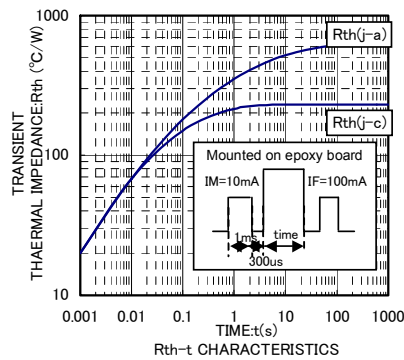
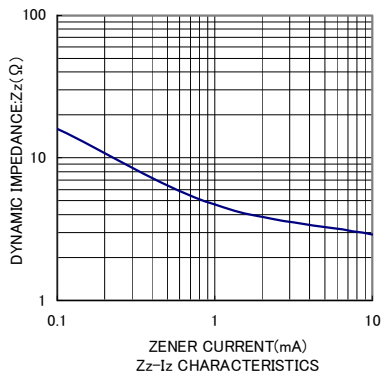
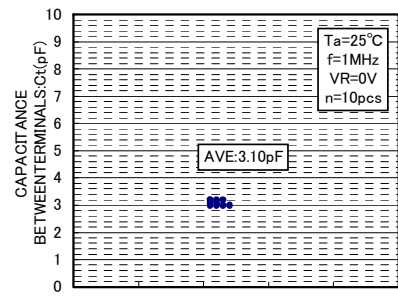
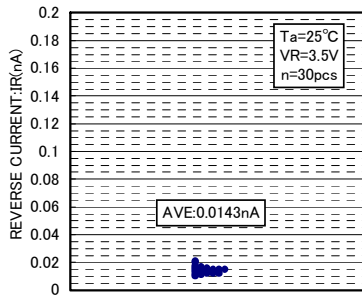
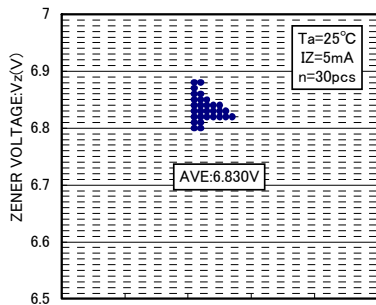
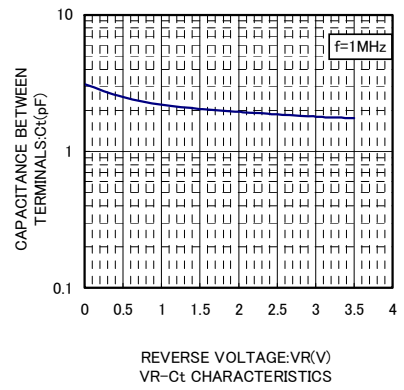
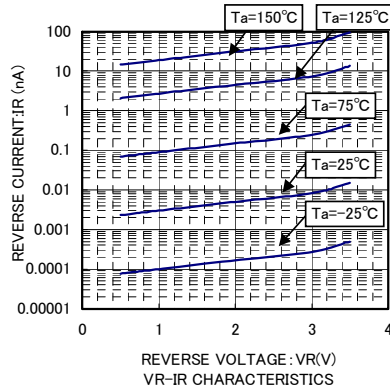
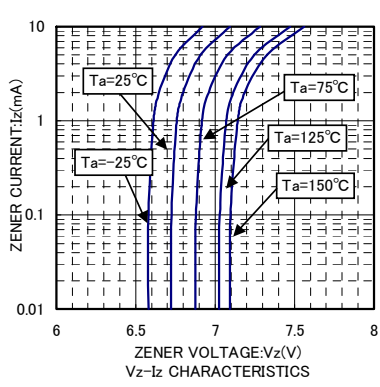


●Absolute maximum ratings (Ta=25°C)

| Parameter | Symbol | Limits | Unit |
|----------------------|------------------|-------------|------|
| Power dissipation | P | 150 | mW |
| Junction temperature | T _j | 150 | °C |
| Storage temperature | T _{stg} | -55 to +150 | °C |

●Electrical characteristics (Ta=25°C)

| Parameter | Symbol | Min. | Typ. | Max. | Unit | Conditions |
|-------------------------------|----------------|------|------|------|------|----------------------------|
| Zener voltage | V _z | 6.65 | - | 6.93 | V | I _z =5mA |
| Reverse current | I _R | - | - | 0.5 | μA | V _R =3.5V |
| Capacitance between terminals | C _t | - | 3.0 | - | pF | V _R =0V, f=1MHz |



Notes

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