

ESD Protection diode

RSB5.6S

●Applications

ESD Protection

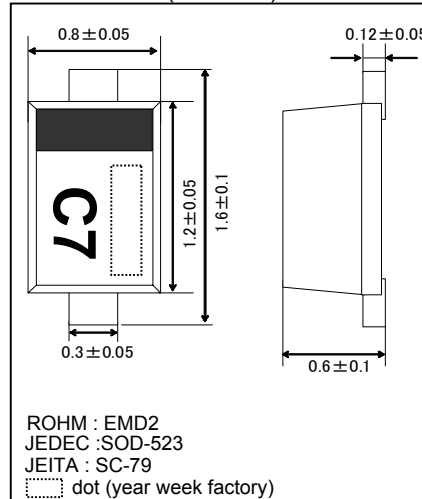
●Features

- 1) Ultra small mold type. (EMD2)
- 2) Bi direction high reliability.
- 3) Bi chip-mounter, automatic mounting is possible.

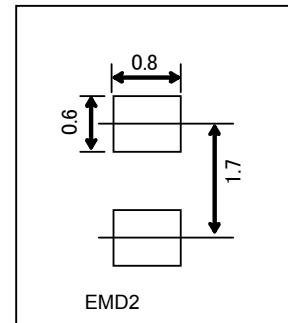
●Construction

Silicon epitaxial planar

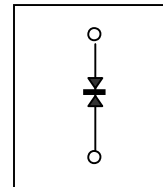
●Dimensions (Unit : mm)



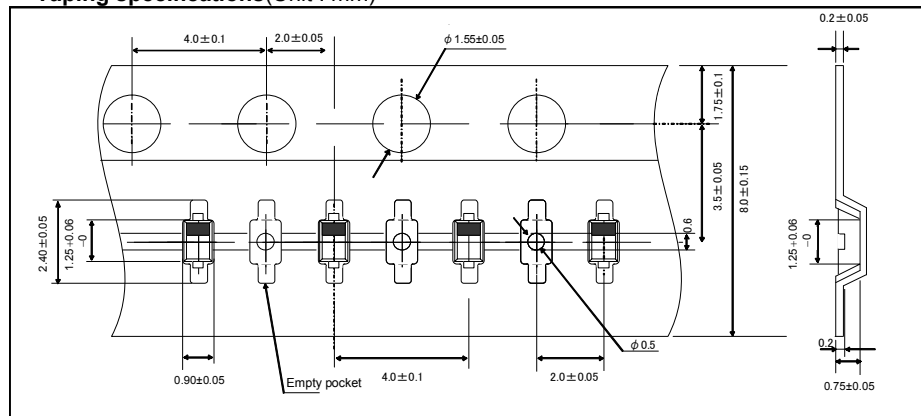
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Peak Pulse Power (tp=10×100μs)	Ppk	10	W
Power dissipation	P	150	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C
Operating temperature range	Topr	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Max.	Unit	Conditions
Zener voltage	Vz	4.760	6.440	V	Iz=1mA
Reverse current	IR	-	1.0	μA	VR=2.5V

* Zener voltage to be measured at 40ms after current starting to apply.

Notes

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