勝特力材料 886-3-5753170 胜特力电子(上海) 86-21-54151736 胜特力电子(深圳) 86-755-83298787 Http://www. 100y. com. tw

Diodes

Schottky barrier diode RB051L-40

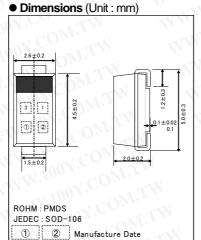
Applications

General rectification

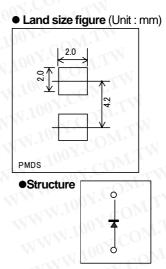
Features

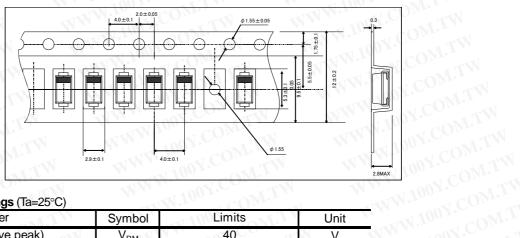
- 1) Small power mold type. (PMDS)
- 2) Low IR.
- 3) High reliability.

 Construction Silicon epitaxial planar



Taping specifications (Unit : mm)





Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit V	
Reverse voltage (repetitive peak)	V _{RM}	40		
Reverse voltage (DC)	V _R	20 000	V A A	
Average rectified forwarfd current	lo	3		
Forward current surge peak (60Hz·1cyc)	I _{FSM}	70		
Junction temperature	Tj .	125	°C	
Storage temperature	Tstg	-40 to +125	°C	

●Electrical characteristics (Ta=25°C)

(*1) Mounted on ep			ine wave		WWW.	100Y.COM.TW
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F 1		Wr-	0.35	V	I _F =1.0A
	V _F 2	00 x.~	N.T.	0.45	V	I _F =3.0A
Reverse current	I _R 1	. Martin		1	mA	V _R =20V
	I _R 2		CO ^{br} .	150	μA	V _R =15V



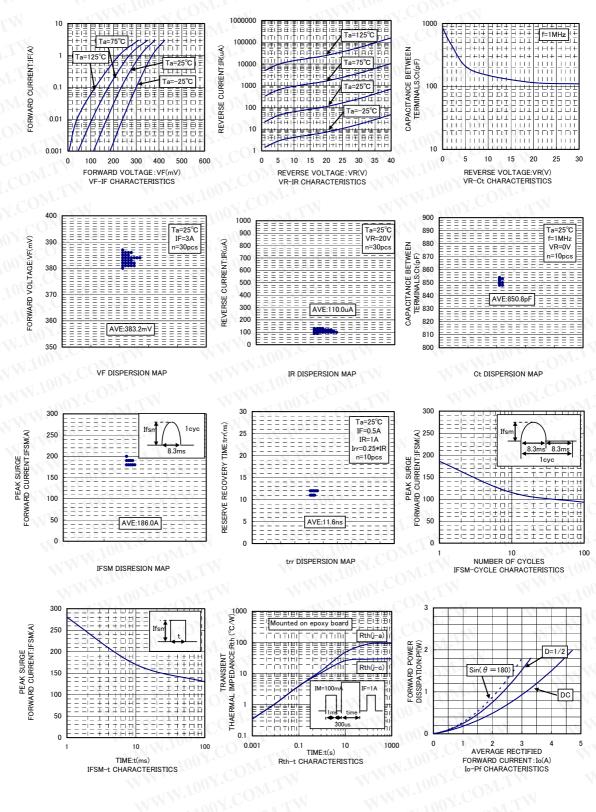
Rev.B



RB051L-40

Diodes

•Electrical characteristic curves (Ta=25°C)

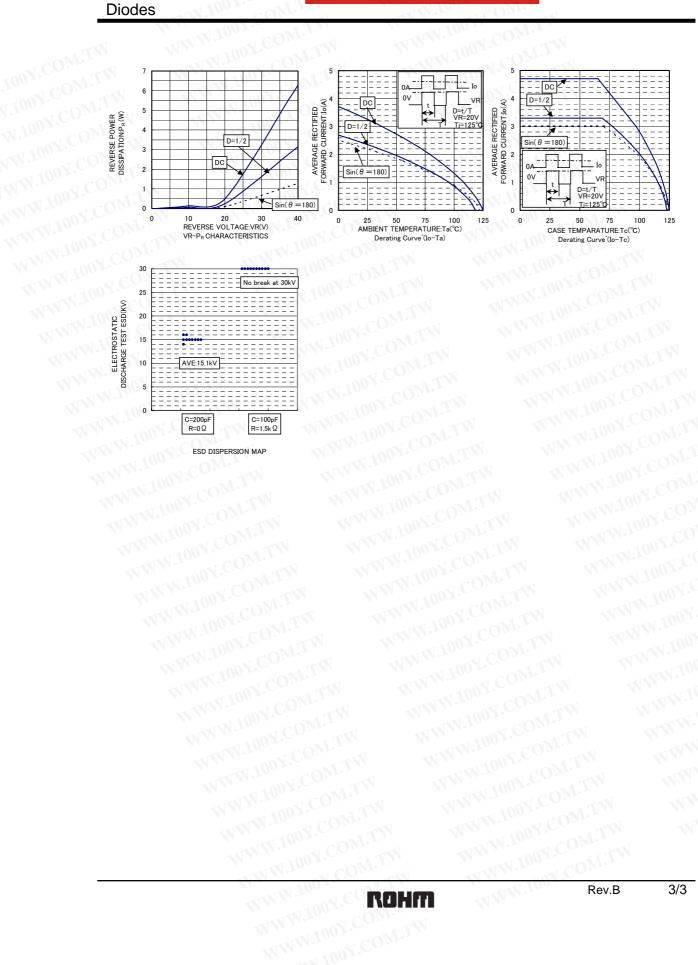


ROHM

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RB051L-40



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Appendix

Notes

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