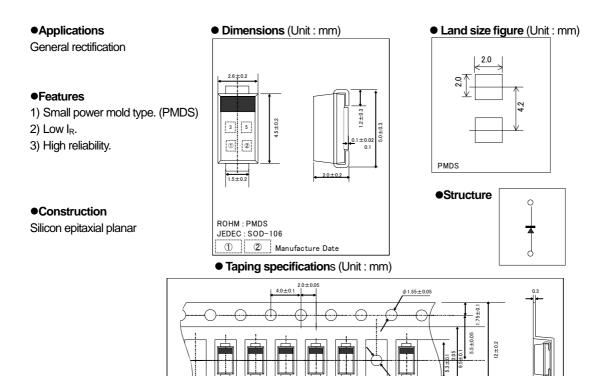
Schottky barrier diode RB050L-40



•Absolute maximum ratings (Ta=25°C)

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

29+01

(*1)Mounted on epoxy board. 180° Half sine wave

•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F 1	-	-	0.55	V	I _F =3.0A
	V _F 2	-	-	0.50	V	I _F =1.5A
Reverse current	I _R	-	-	1	mA	V _R =40V

4.0±0.1

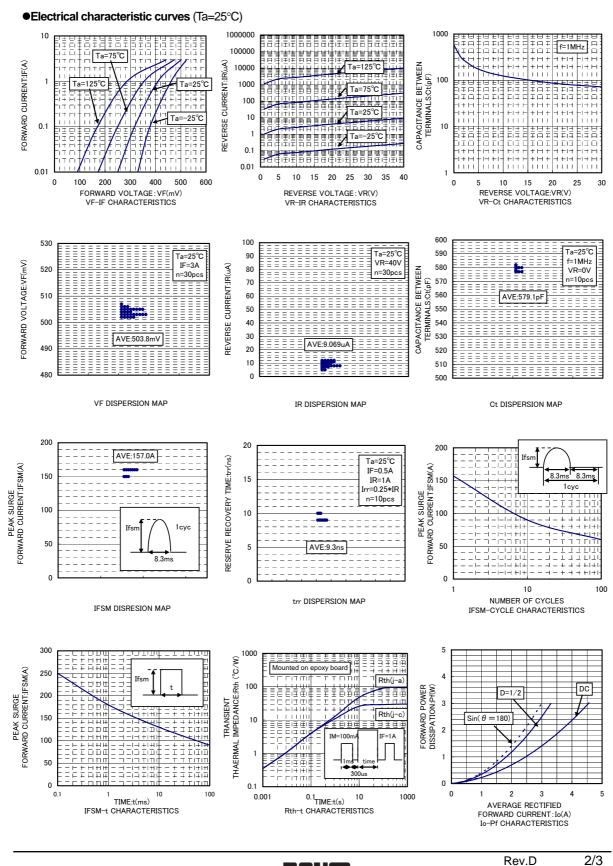
φ 1.55



Rev.D 1/3

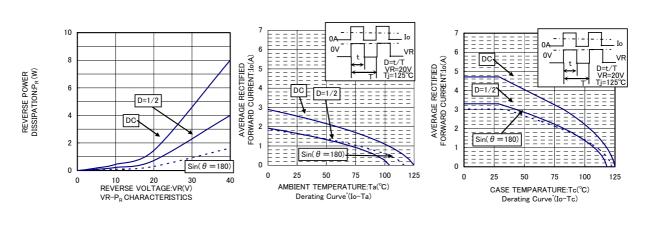
2 8MAX

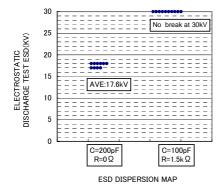
Diodes



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