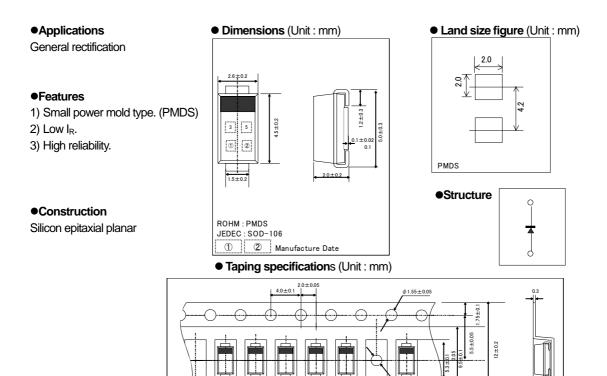
# Schottky barrier diode RB050L-40



# •Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit	
Reverse voltage (repetitive peak)	V <sub>RM</sub>	40	V	
Reverse voltage (DC)	V <sub>R</sub>	40	V	
Average rectified forward current	lo	3	А	
Forward current surge peak (60Hz · 1cyc)	I <sub>FSM</sub>	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 <sub>F</sub> 1	-	-	0.55	V	I <sub>F</sub> =3.0A
	V <sub>F</sub> 2	-	-	0.50	V	I <sub>F</sub> =1.5A
Reverse current	I <sub>R</sub>	-	-	1	mA	V <sub>R</sub> =40V

4.0±0.1

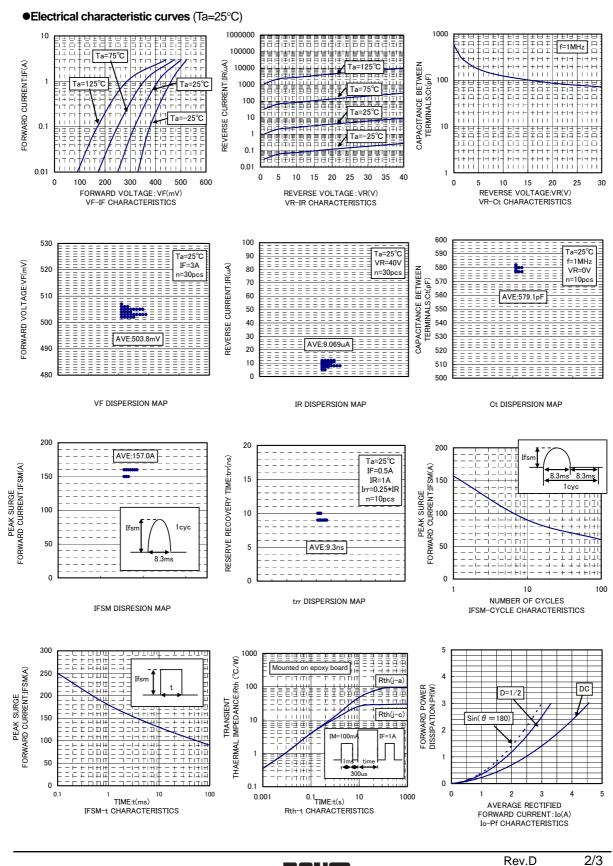
φ 1.55



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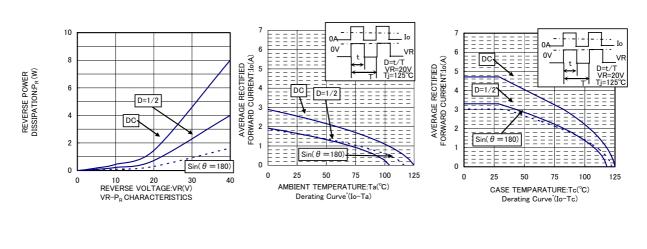
2 8MAX

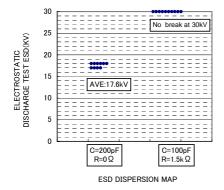
# Diodes



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