Schottky barrier diode RB161M-20

Applications

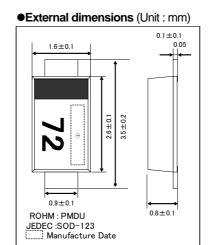
General rectification

● Features

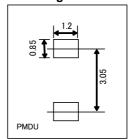
- 1) Power mold type. (CPD3)
- 2) Low VF
- 3) High reliability

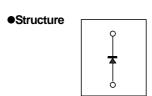
Construction

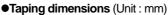
Silicon epitaxial planar

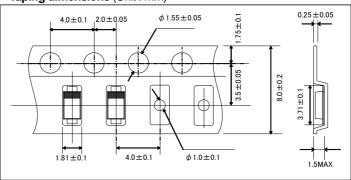


●Land size figure









● Absolute maximum ratings (Ta=25°C)

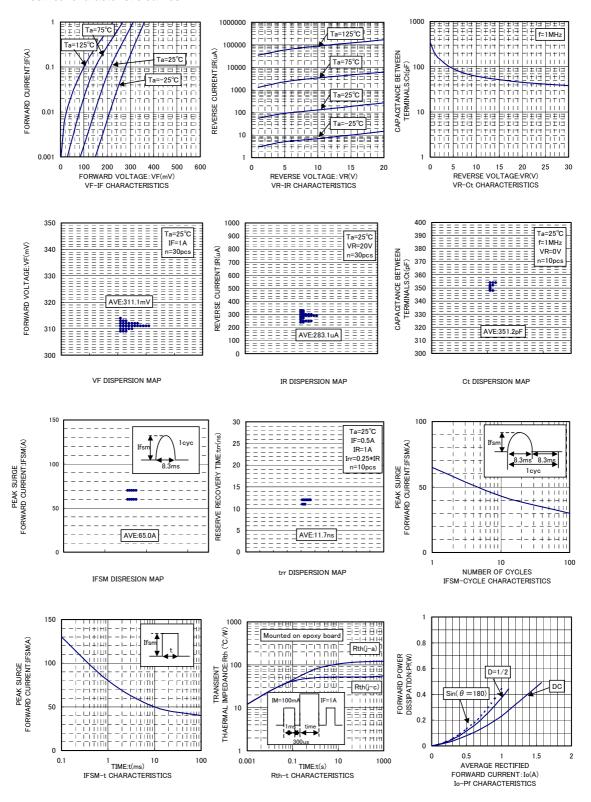
Absolute maximum ratings (1a=25 C)							
Parameter	Symbol	Limits	Unit				
Reverse voltage (repetitive peak)	V_{RM}	25	V				
Reverse voltage (DC)	V_R	20	V				
Average rectified forward current	lo	1	Α				
Forward current surge peak	I_{FSM}	30	Α				
Junction temperature	Tj	125	°C				
Storage temperature	Tstg	-40 to +125	°C				

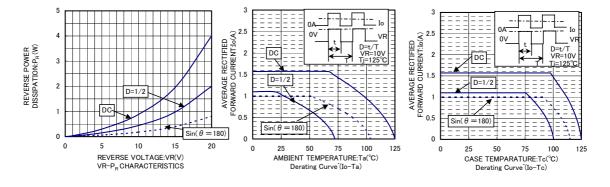
^(*1)Mounted on epoxy board. 180°Half sine wave

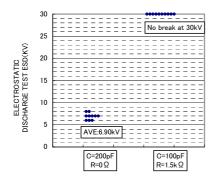
●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_F1	1	0.28	0.32	V	I _F =0.5A
	V _F 2	-	0.31	0.35	V	I _F =1.0A
Reverse current	I _R	-	280	700	μA	V _R =20V

●Electrical characteristic curves







ESD DISPERSION MAP

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