Schottky barrier diode RB751V-40

Applications

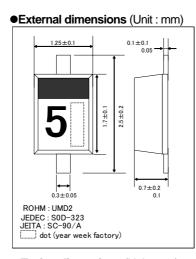
Low current rectification

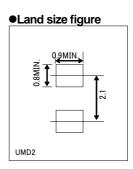
Features

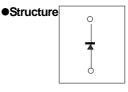
1) Ultra small mold type. (UMD2) 2) Low V⊧ 3) High reliability

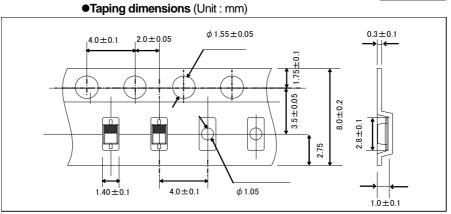
Construction

Silicon epitaxial planar









•Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	40	V
Reverse voltage (DC)	V _R	30	V
Average rectified forward current	lo	30	mA
Forward current surge peak (60Hz-1cyc)	I _{FSM}	200	m A
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

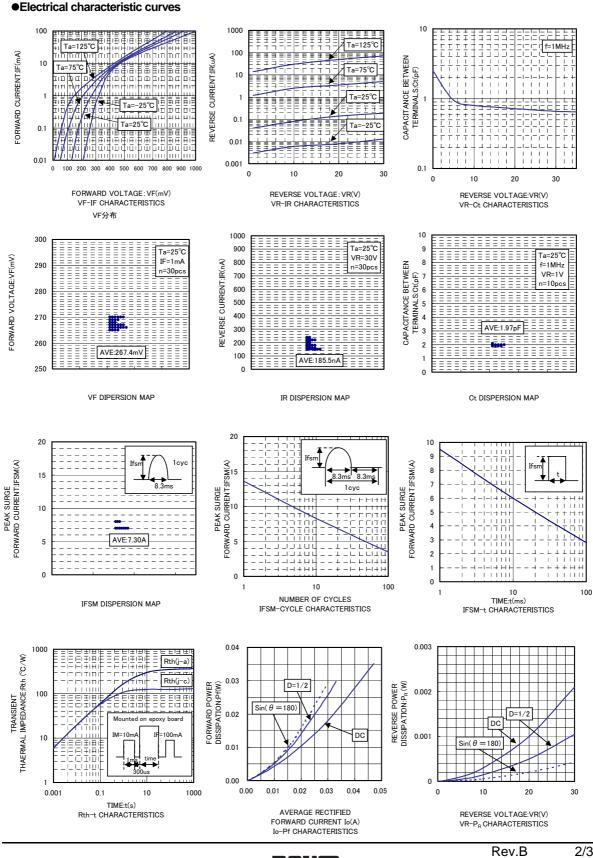
•Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	0.37	V	I _F =1mA
Reverse current	I _R	-	-	0.5	μA	V _R =30V
Capacitance between terminal	Ct	-	2	-	pF	V _R =1V, f=1MHz



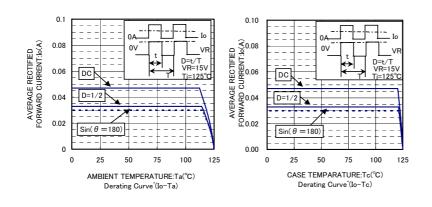
Diodes

RB751V-40



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