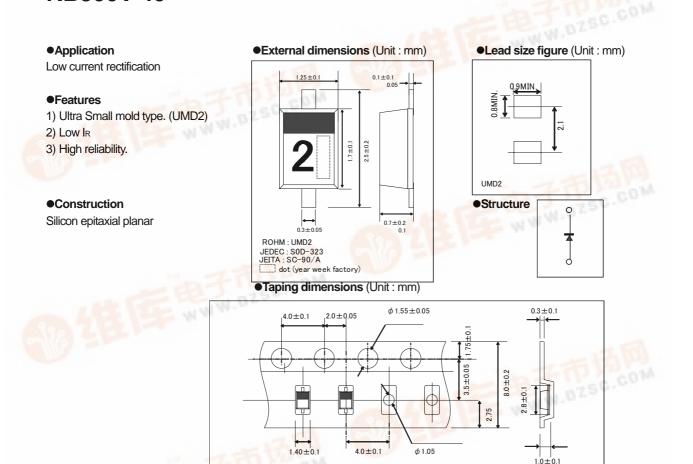
RB500V-40

Diodes

Shottky barrier diode RB500V-40



Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	45	V
Reverse voltage (DC)	V _R	40	V
Average rectified forward current	lo	100	mA
Forward current surge peak (60Hz · 1cyc)	I _{FSM}	1	A
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

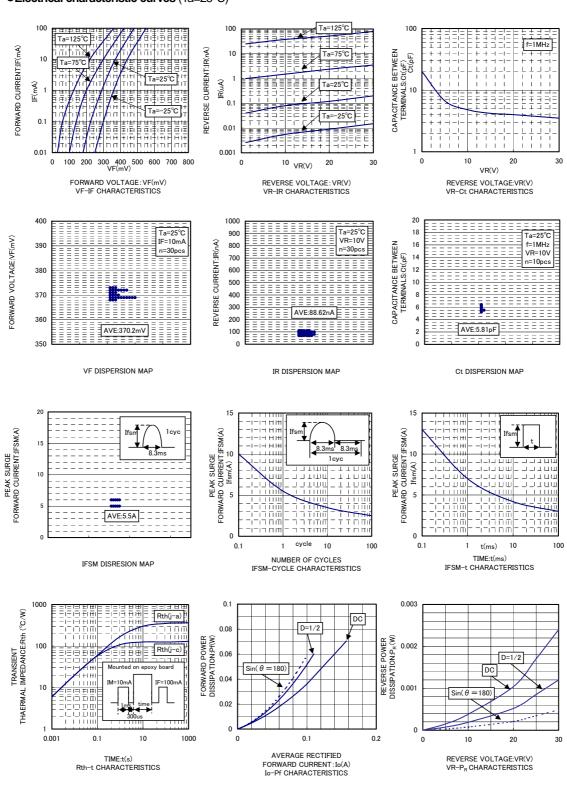
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	0.45	V	I _F =10mA
Reverse current	I _R	-	-	1	μA	V _R =10V
Capacitance between terminals	Ct	-	6.0	-	pF	V _R =10V , f=1MHz



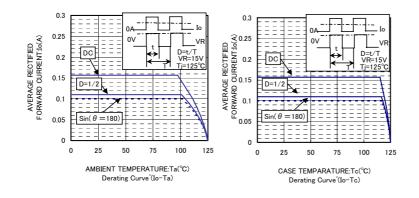


Diodes



●Electrical characteristic curves (Ta=25°C)

Diodes



Appendix

Notes

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