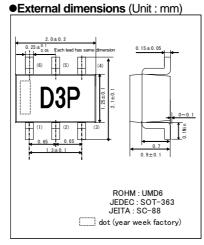
Schottky barrier diode RB731XN

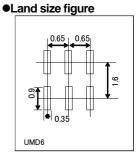
Applications

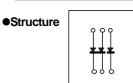
General rectification

● Features

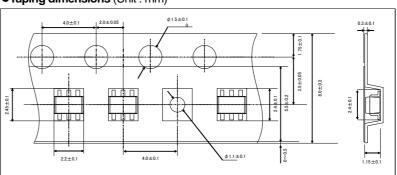
- Small power mold type. (UMD6)
- 2) Low V_F
- 3) High reliability







● Taping dimensions (Unit: mm)



● Absolute maximum ratings (Ta=25°C)

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

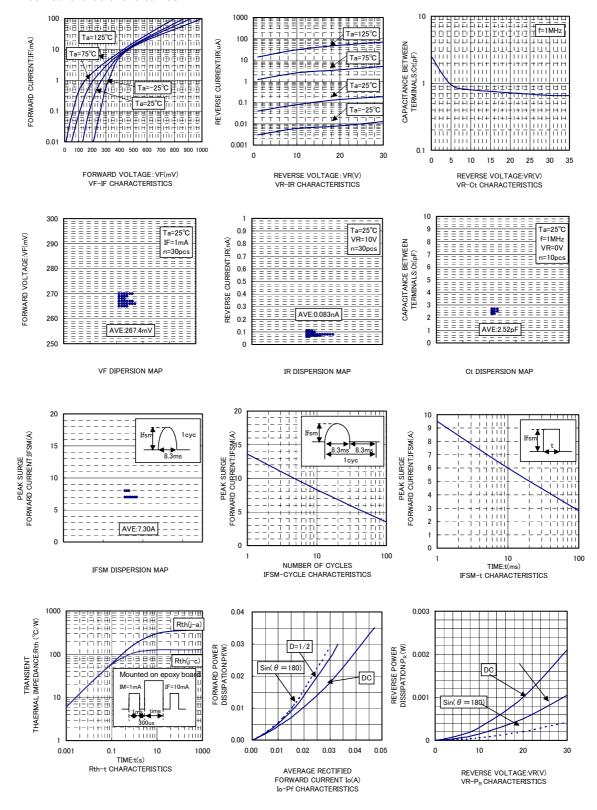
^{*} Rating for each diode Io/3

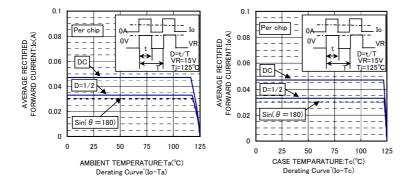
●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	VF	_	_	0.37	V	I _F =1mA
Reverse current	lR	-	_	1	μΑ	V _R =10V
Capacitance between terminal	Ct	_	2	_	pF	V _R =1V, f=1MHz



•Electrical characteristic curves





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