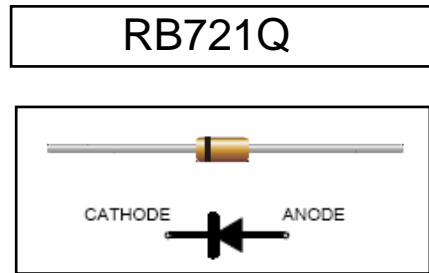


Schottky barrier diode

- . 300mW DO-34
- . Glass silicon switching diodes
- . We declare that the material of product compliance with RoHS requirements.



Product Characteristic

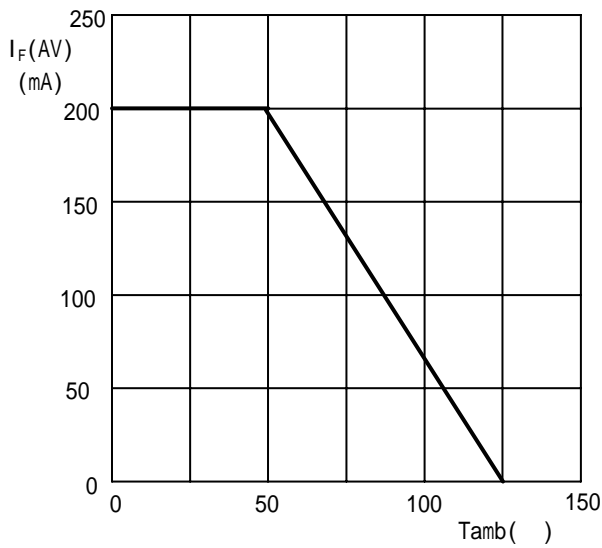
Absolute Maximum Ratings(Ta=25°C)

TYPE	VRM(V)	VR(V)	I _{FSM} (mA)	I _O (mA)	P(mW)
RB721Q	25	10	200	30	300

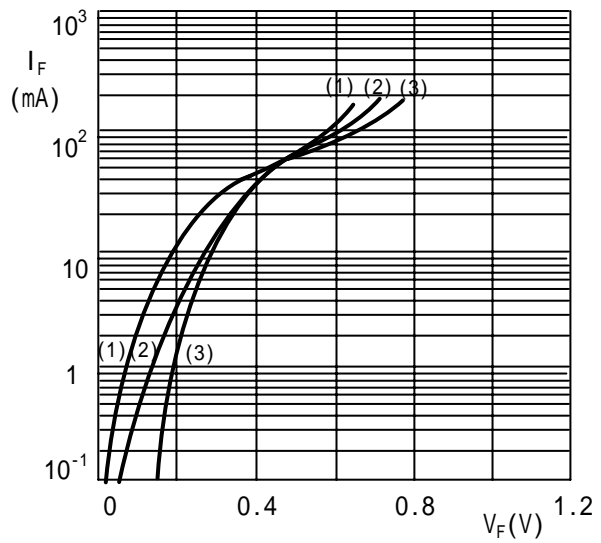
Characteristics at T_j=25°C

	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage at I _F = 1 mA	VF	—	—	0.37	V
Leakage Current at VR = 10 V	IR	—	—	1	μA
Capacitance at VR = 1V f = 1MHZ	Ct	—	—	2	pF
Reverse Recovery Time form I _R =I _F = 10 mA 100 , RL =	trr	—	—	2	ns

Characteristic Curves

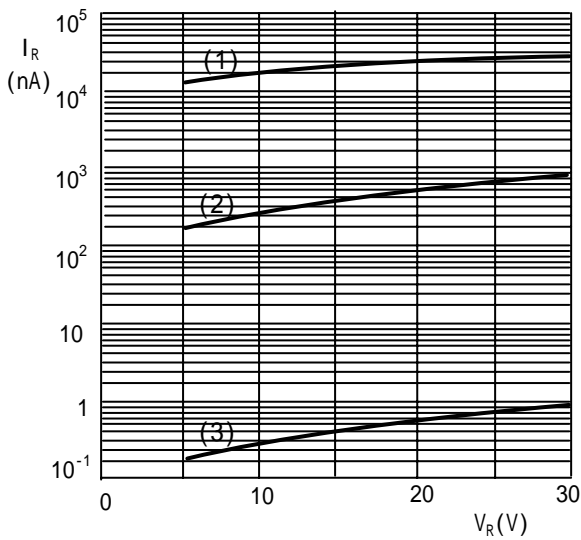


Derating curve



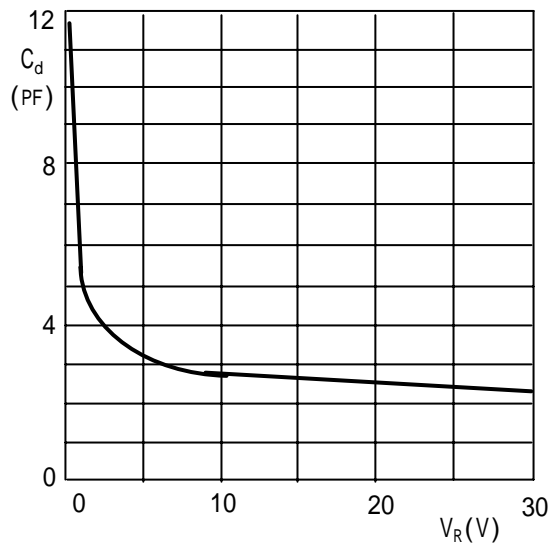
- (1) T_{amb}=125
- (2) T_{amb}=85
- (3) T_{amb}=25

Forward current as function of forward voltage; typical values.



- (1) T_{amb}=85
- (2) T_{amb}=25
- (3) T_{amb}=-40

Reverse current as a function of reverse voltage; typical values.



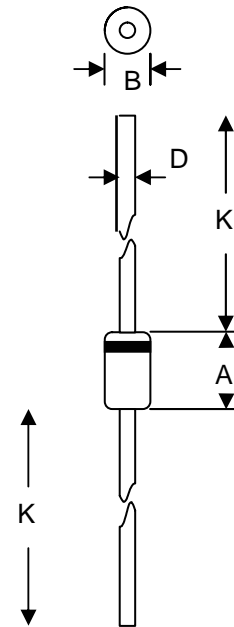
f=1MHz

Diode capacitance as a function of reverse voltage; typical values.

Package Dimensions in inches and (millimeters)

DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	2.4	3.0	0.094	0.118
B	1.6	2.0	0.063	0.078
D	0.3	0.5	0.012	0.020
K	28	30	1.102	1.181

D0-34

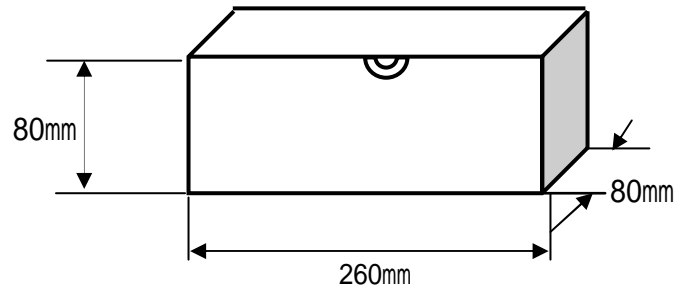


D0-34

Packing

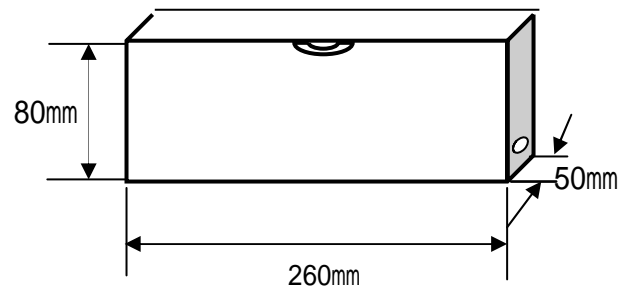
Taping / Box(T52)

Tape Inner Box:5000pcs/each



Taping / Box(T26)

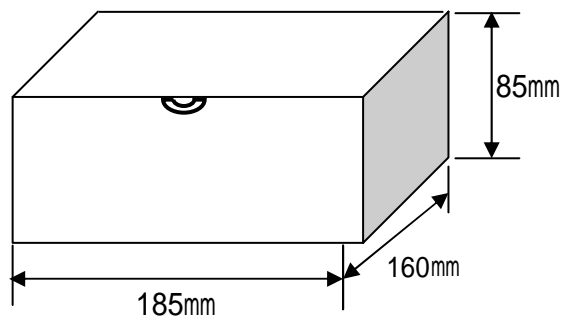
Tape Inner Box:5000pcs/each



Bulk

500pcs/bag

10000pcs /each



Reel (T52)

10000pcs/卷

