



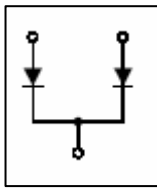
JIANGSU CHANGJIANG ELECTRONICS TECHNOLOGY CO., LTD

SOT-23-3L Plastic-Encapsulate DIODE

RB495D Schottky barrier Diodes

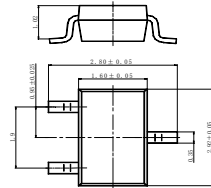
FEATURES

- Small surface mounting type
- Low reverse current and low forward voltage
- High reliability



Marking: D3Q

SOT-23-3L



Maximum Ratings and Electrical Characteristics, Single Diode @T_A=25°C

Parameter	Symbol	Limits	Unit
Peak reverse voltage	V _{RM}	40	V
DC reverse voltage	V _R	25	V
Mean rectifying current	I _O	400	mA
Peak forward surge current	I _{FSM}	2	A
Junction temperature	T _j	-40~+125	°C
Storage temperature	T _{stg}	-30~+85	°C

Electrical Ratings @T_A=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _{F1}			0.3	V	I _F =10mA
	V _{F2}			0.5	V	I _F =200mA
Reverse current	I _R			70	μA	V _R =25V

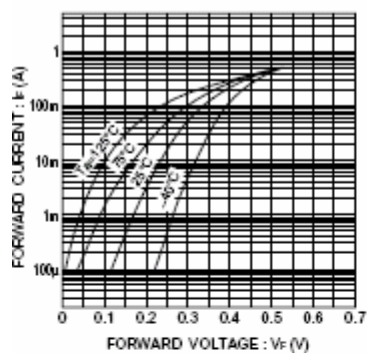


Fig.1 Forward characteristics

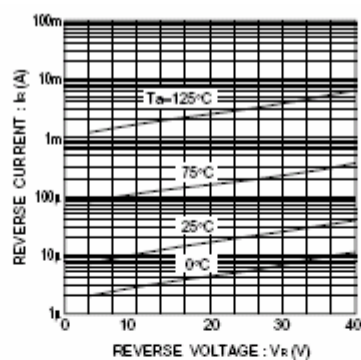


Fig.2 Reverse characteristics

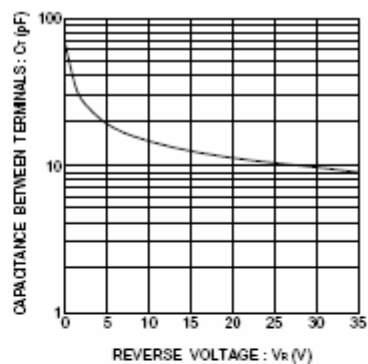


Fig.3 Capacitance between terminals characteristics