



JIANGSU CHANGJIANG ELECTRONICS TECHNOLOGY CO., LTD

SOD-723 Plastic-Encapsulate Diodes

RB521G-30

Schottky barrier Diodes

SOD-723

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FEATURES

- Small surface mounting type
- High reliability

MARKING: F

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

Parameter	Symbol	Limits	Unit
DC reverse voltage	V _R	30	V
Mean rectifying current	I _O	100	mA
Peak forward surge current	I _{FSM}	1	A
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-40~+125	°C

Electrical Ratings @T_A=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _F			0.35	V	I _F =10mA
Reverse current	I _R			10	μ A	V _R =10V

●Electrical characteristic curves (Ta=25°C)

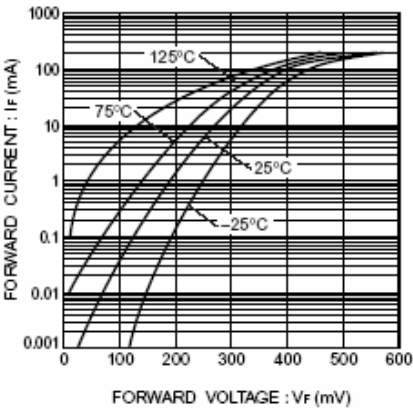


Fig.1 Forward characteristics

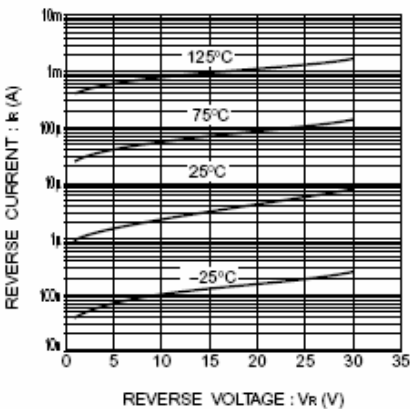


Fig.2 Reverse characteristics

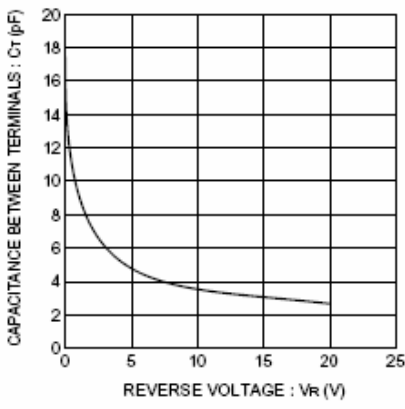


Fig.3 Capacitance between terminals characteristics