Schottky barrier diode

RB876W

●Applications

High frequency detection

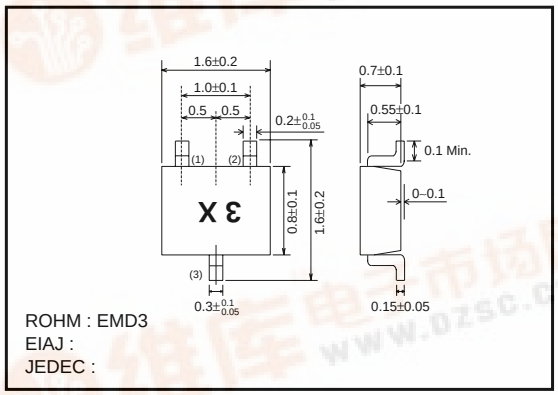
●Features

1) Ultra small mold type. (EMD3)
2) Low Ct and high detection efficiency.

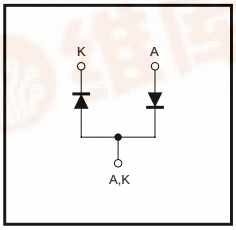
●Construction

Silicon epitaxial planar

●External dimensions (Units : mm)



●Circuit



●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	5	V
Forward current (DC)	I_F	10	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	−40~+125	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	–	–	0.35	V	I_F=1.0mA
Reverse current	I_R	–	–	120	μA	V_R=5.0V
Capacitance between terminal	C_T	–	0.53	0.80	pF	V_R=1.0V, f=1.0MHz

∗ Please pay attention to static electricity when handling.

●**Electrical characteristic curves** (Ta=25°C)

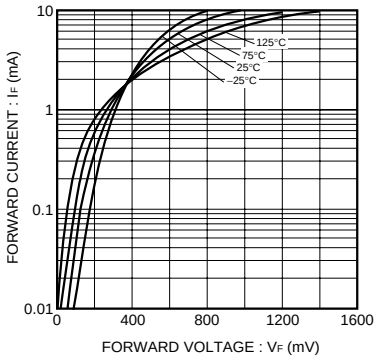


Fig.1 Forward characteristics

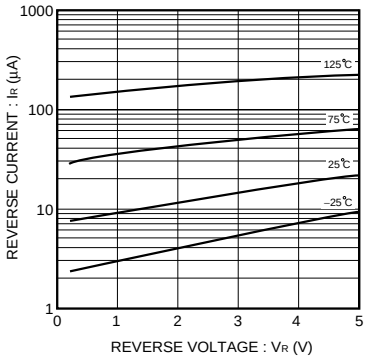


Fig.2 Reverse characteristics

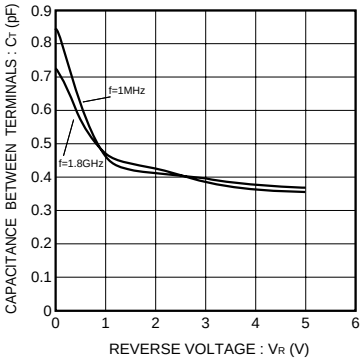


Fig.3 Capacitance between terminals charasteristics

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