# Schottky barrier diode RB521S-30

## Applications

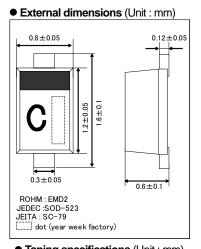
Low current rectification

## Features

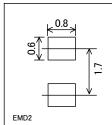
1) Ultra Small mold type. (EMD2) 2) Low  $V_{\rm F}$  3) High reliability.

# Construction

Silicon epitaxial planar



## • Land size figure (Unit : mm)



### Structure



# • Taping specifications (Unit : mm)

# ●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V <sub>R</sub>	30	V
Average rectified forward current	lo	200	mA
Forward current surge peak (60Hz · 1cyc)	I <sub>FSM</sub>	1	А
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

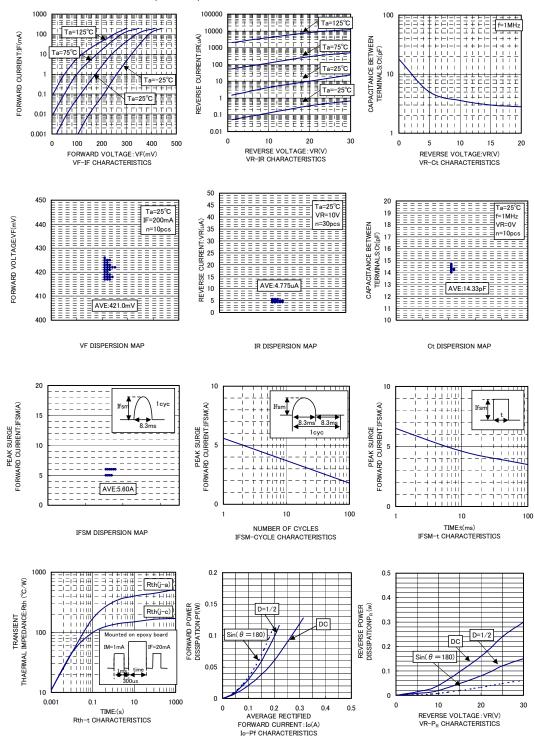
## •Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V <sub>F</sub>	-	-	0.50	V	I <sub>F</sub> =200mA
Reverse current	I <sub>R</sub>	-	-	30	μA	V <sub>R</sub> =10V



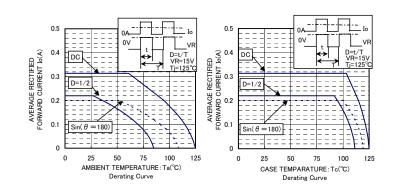
# Diodes





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