

RB520S-30

Low current rectification

- 1) Ultra Small mold type. (EMD2)
- 2) Low I_R .
- 3) High reliability.

Silicon epitaxial planar

0.8 ± 0.05

1.2 ± 0.05

1.6 ± 0.1

0.3 ± 0.05

0.12 ± 0.05

0.6 ± 0.1

ROHM : EMD2
JEDEC : SOD-523
JEITA : SC-79

dot (year week factory)

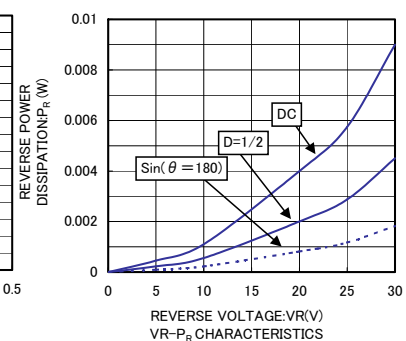
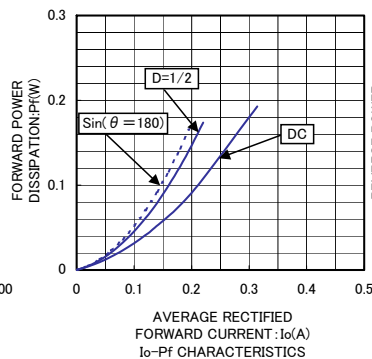
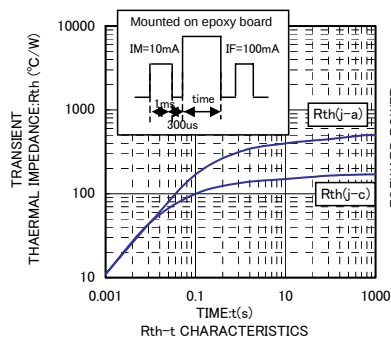
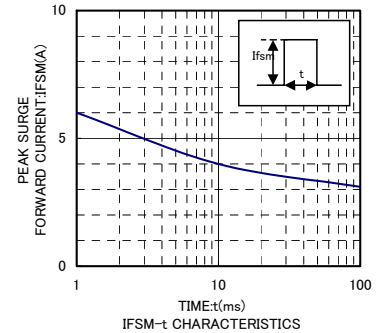
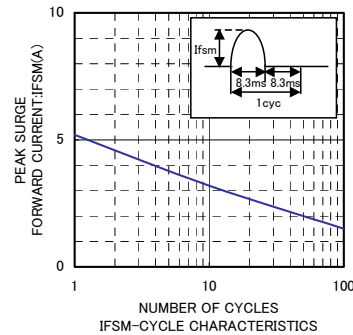
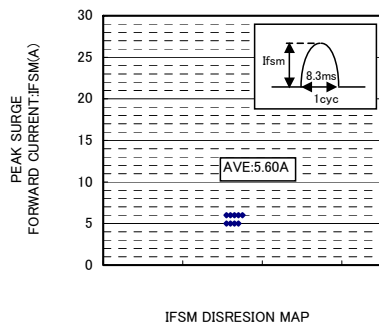
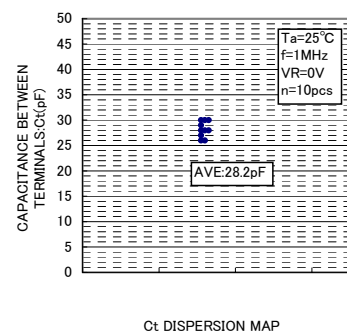
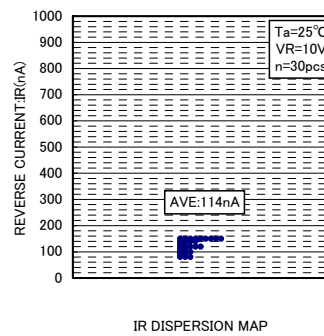
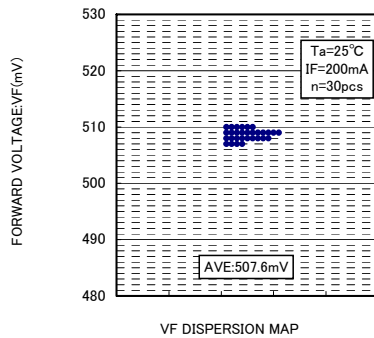
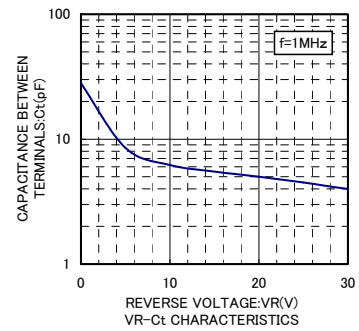
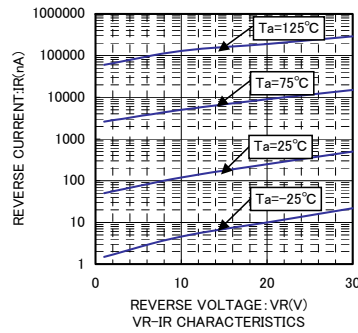
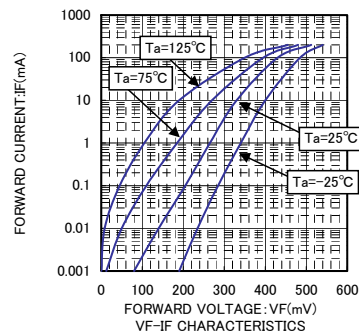
EMD2

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V _R	30	V
Average rectified forward current	I _O	200	mA
Forward current surge peak (60Hz•1cyc)	I _{FSM}	1	A
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-40 to +125	°C

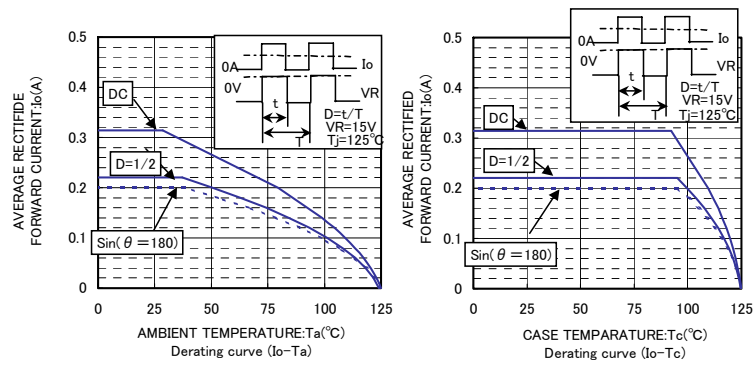
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	0.6	V	$I_F=200\text{mA}$
Reverse current	I_R	-	-	1	μA	$V_R=10\text{V}$

Diodes

●Electrical characteristic curves (Ta=25°C)



Diodes



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