

RB400D

Silicon epitaxial planar

Technical drawing of a mechanical part showing top, front, and side views with dimensions.

Top View Dimensions:

- Overall width: 40 ± 0.1
- Distance between first two holes: 2.0 ± 0.05
- Distance between last two holes: 40 ± 0.1
- Distance between first and last hole: 32 ± 0.1
- Hole diameter: $\phi 1.5 \pm 0.1$
- Minimum hole diameter: $\phi 1.05 \text{ MIN}$

Front View Dimensions:

- Overall height: 8.0 ± 0.2
- Distance from top to first hole center: 1.75 ± 0.1
- Distance from top to last hole center: 3.5 ± 0.05
- Distance from top to bottom edge: 5.5 ± 0.2
- Distance from top to first hole center (alternative): 3.2 ± 0.1
- Distance from top to last hole center (alternative): 3.2 ± 0.1
- Distance from top to bottom edge (alternative): $0 \sim 0.3$

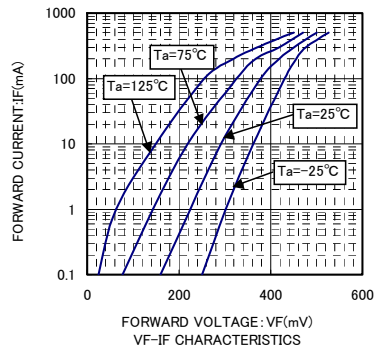
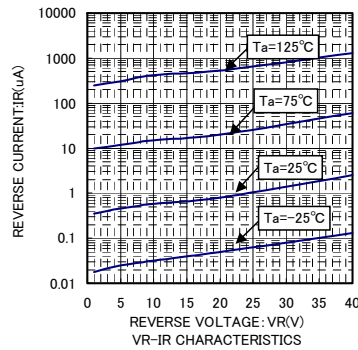
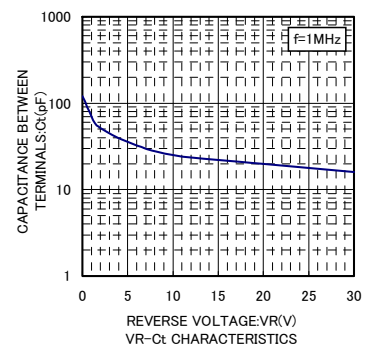
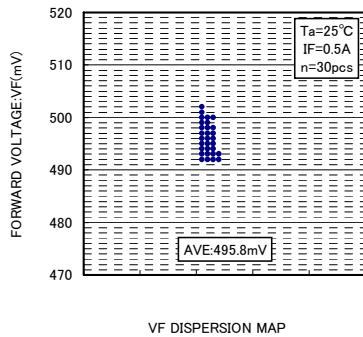
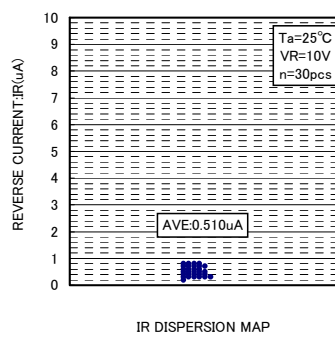
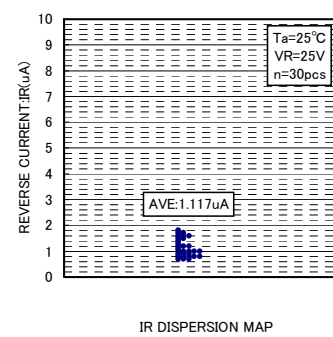
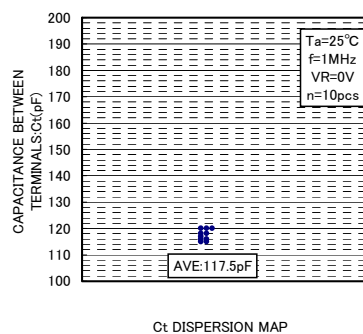
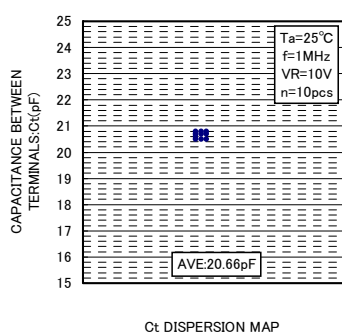
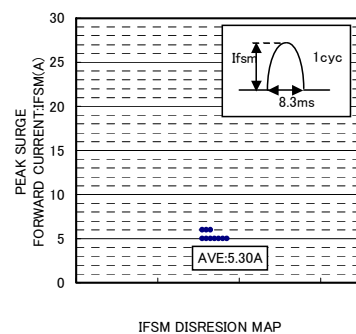
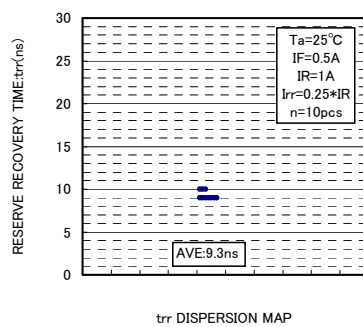
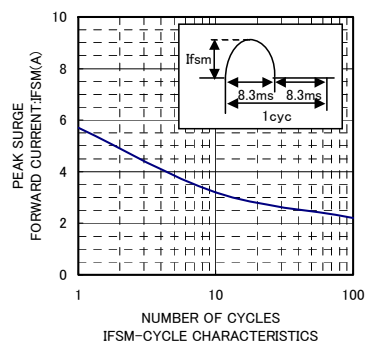
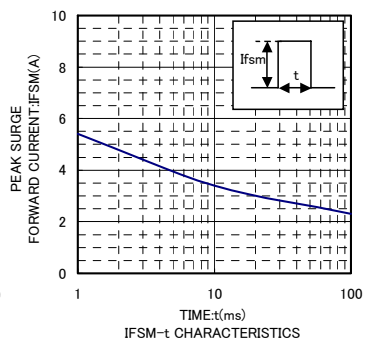
Side View Dimensions:

- Overall height: 3.2 ± 0.1
- Distance from top to bottom edge: 0.3 ± 0.1
- Distance from top to bottom edge (alternative): 1.35 ± 0.1

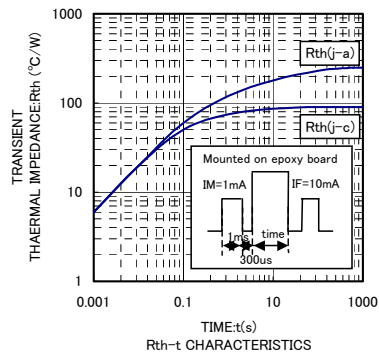
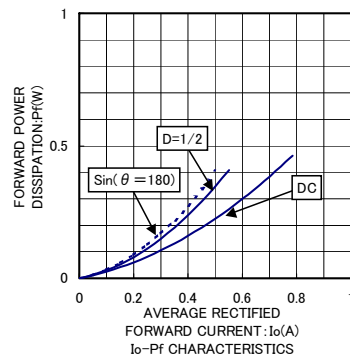
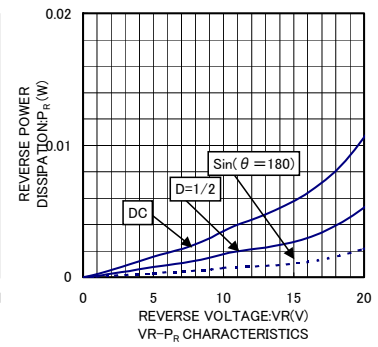
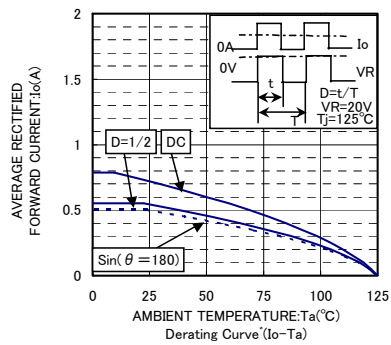
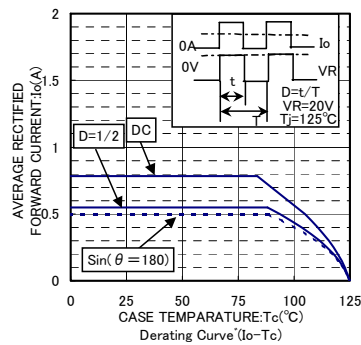
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	0.55	V	$I_F=500\text{mA}$
Reverse current	I_{R1}	-	-	30	μA	$V_R=10\text{V}$
	I_{R2}	-	-	50	μA	$V_R=30\text{V}$
Capacitance between terminals	Ct1	-	125	-	pF	$V_R=0\text{V}$, $f=1\text{MHz}$
	Ct2	-	20	-	pF	$V_R=10\text{V}$, $f=1\text{MHz}$

Diodes

●Electrical characteristic curves (Ta=25°C)



Diodes



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