SHI LING® 浙江世菱半导体有限公司
ZHEJIANG SHILING SEMICONDUCTOR CO.,LTD.

Specifcation of products

：

：MBK400U1K1

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02 2026.5

ELECTRICAL CHARACTERISTICS

T_C=25 unless otherwise specified

Symbol	Parameter	Test Conditions	Min.	Typ.	Max.	Unit
I_{RM}	Reverse Leakage Current	V_R=100V	--	--	0.5	mA
		V_R=100V, T_J=125	--	--	10	mA
V_F	Forward Voltage	I_F=200A	--	0.65	--	V
		I_F=200A, T_J=125	--	0.55	--	V

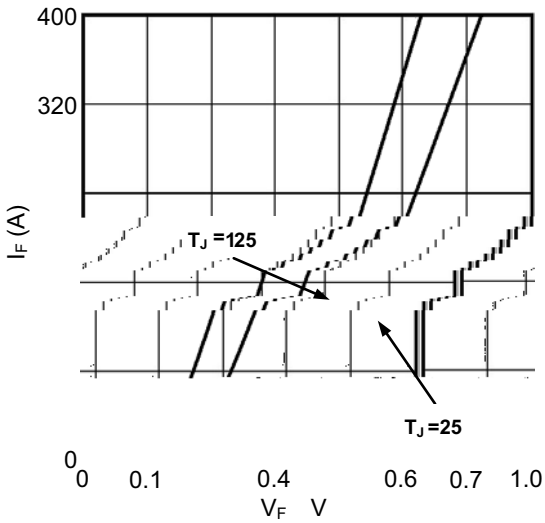


Figure1. Forward Voltage Drop vs Forward Current

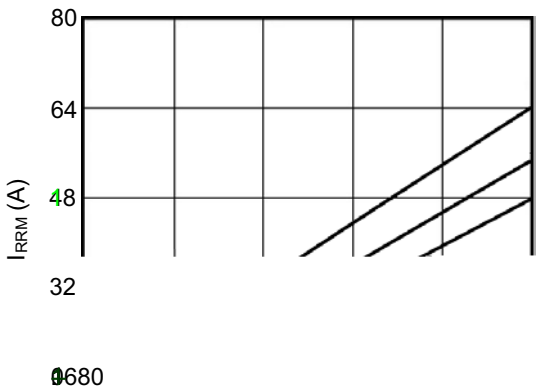
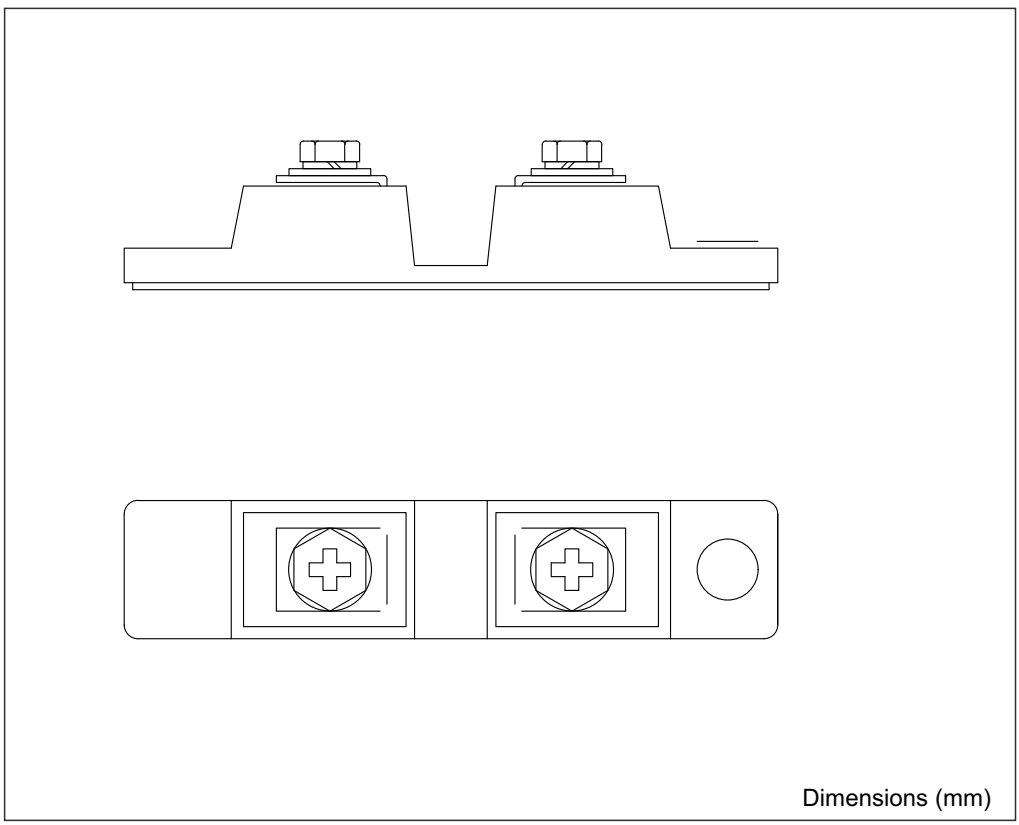


Figure3. Reverse Recovery Current vs di_F/dt



Dimensions (mm)