



Maximum Ratings

Symbol	Conditions	Values	Units
V_R		200	V
$I_{F(AV)}$	$T_C=125^{\circ}\text{C}$, Per Leg	200	A
	$T_C=125^{\circ}\text{C}$, Per Module	400	A
I_{FSM}	1/2 Cycle , 60Hz, Sine	3000	A
I^2t	$T_J=45^{\circ}\text{C}$, $t=8.3\text{ms}$, 60Hz, Sine	45000	A^2s
T_J		-40 to +175	
T_{STG}		-40 to +175	
Torque	Recommended M6	4.5	N·m

Performance Curves

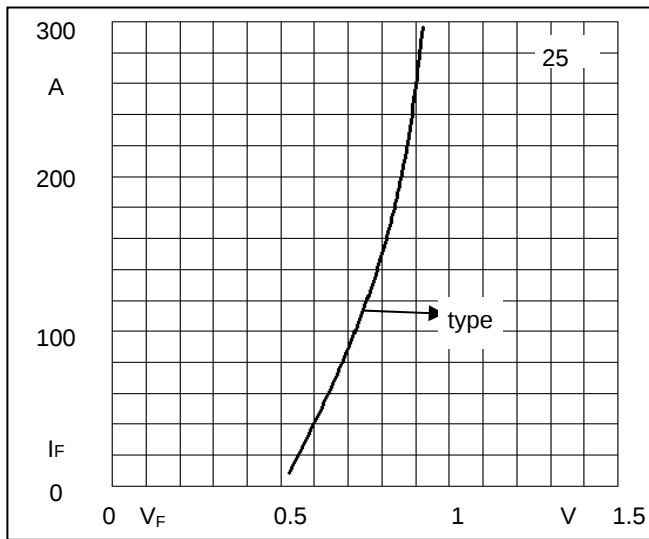


Fig1. Forward Voltage Drop vs Forward Current

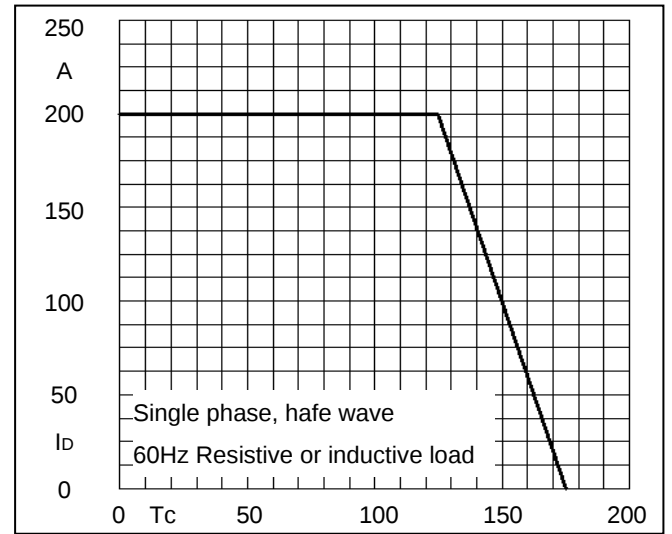


Fig2. Forward Current Derating Curve

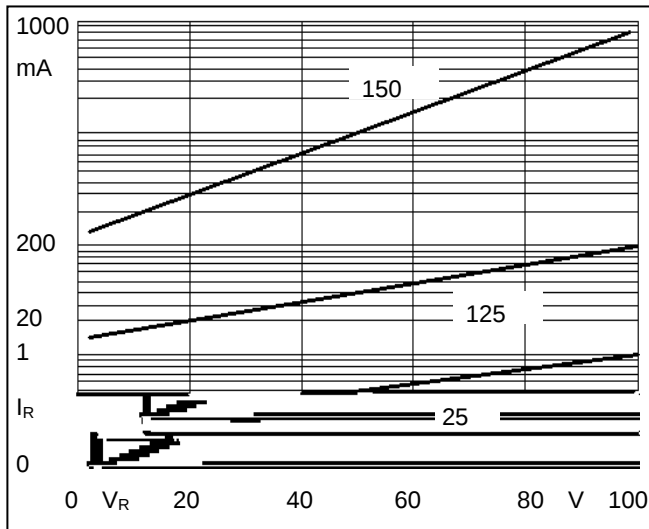
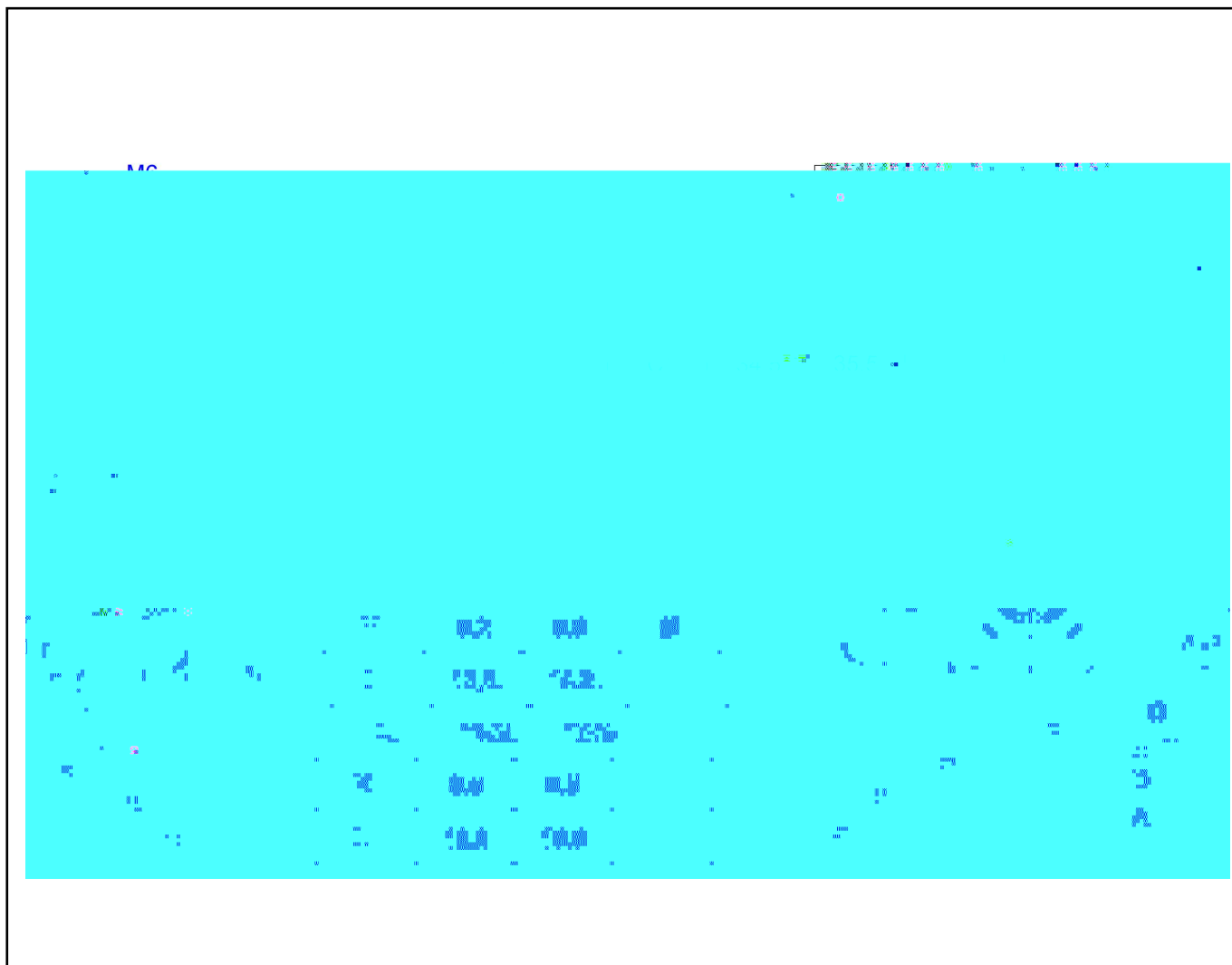


Fig3. Typical Reverse Current



Item	Length: A (mm)	Width: B (mm)	Height: C (mm)	Quantity (PCS)
Inner Box	2	25	4	
Outer Carton	5 5		2 0	



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