

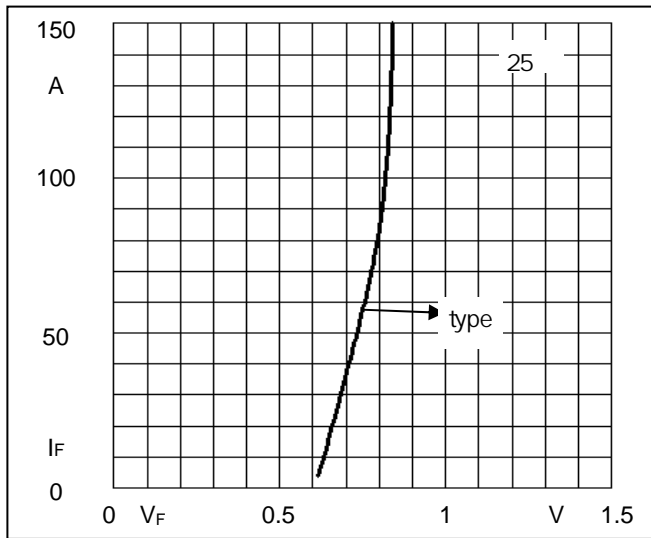


### Maximum Ratings

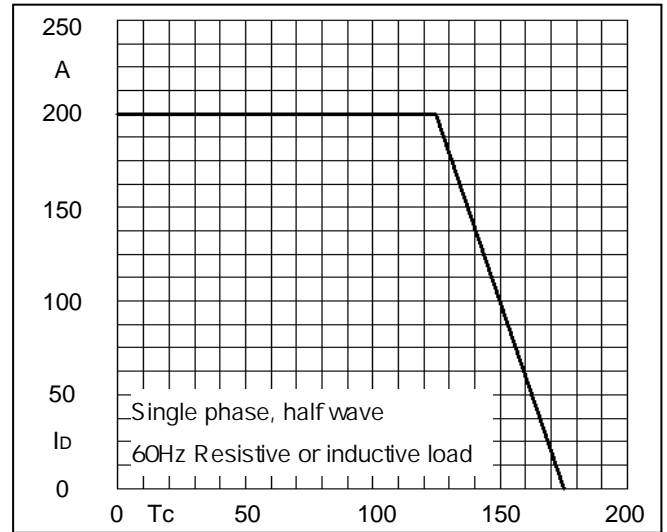
Symbol	Conditions	Values	Units
$V_R$		100	V
$I_{F(AV)}$	$T_C=125^{\circ}\text{C}$ , Per Diode	100	A
	$T_C=125^{\circ}\text{C}$ , Per Module	200	A
$I_{FSM}$	1/2 Cycle , 60Hz, Sine	1500	A
$I^2t$	$T_J=45^{\circ}\text{C}$ , $t=8.3\text{ms}$ , 60Hz, Sine	11250	$\text{A}^2\text{s}$
$T_J$		-40 to +150	$^{\circ}\text{C}$
$T_{STG}$		-40 to +150	$^{\circ}\text{C}$
Visol	3600V AC 1s	1	mA
Torque	Recommended M4	0.6 1.2	N·m
Torque	Recommended M4	0.6 1	N·m
Weight		27	g



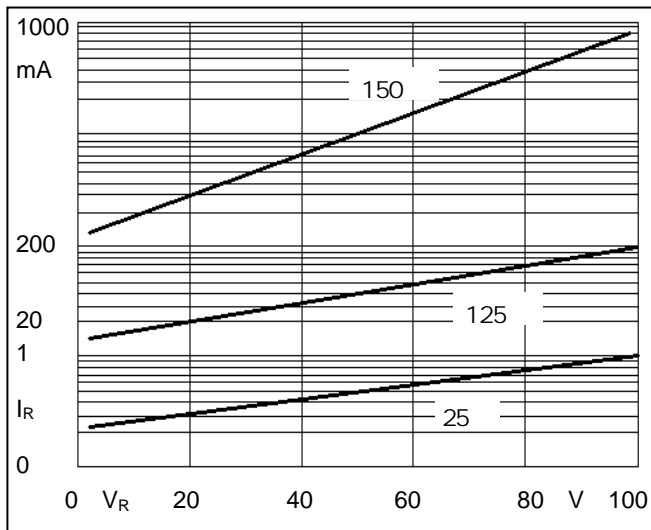
### Performance Curves



**Fig1. Forward Voltage Drop vs Forward Current**



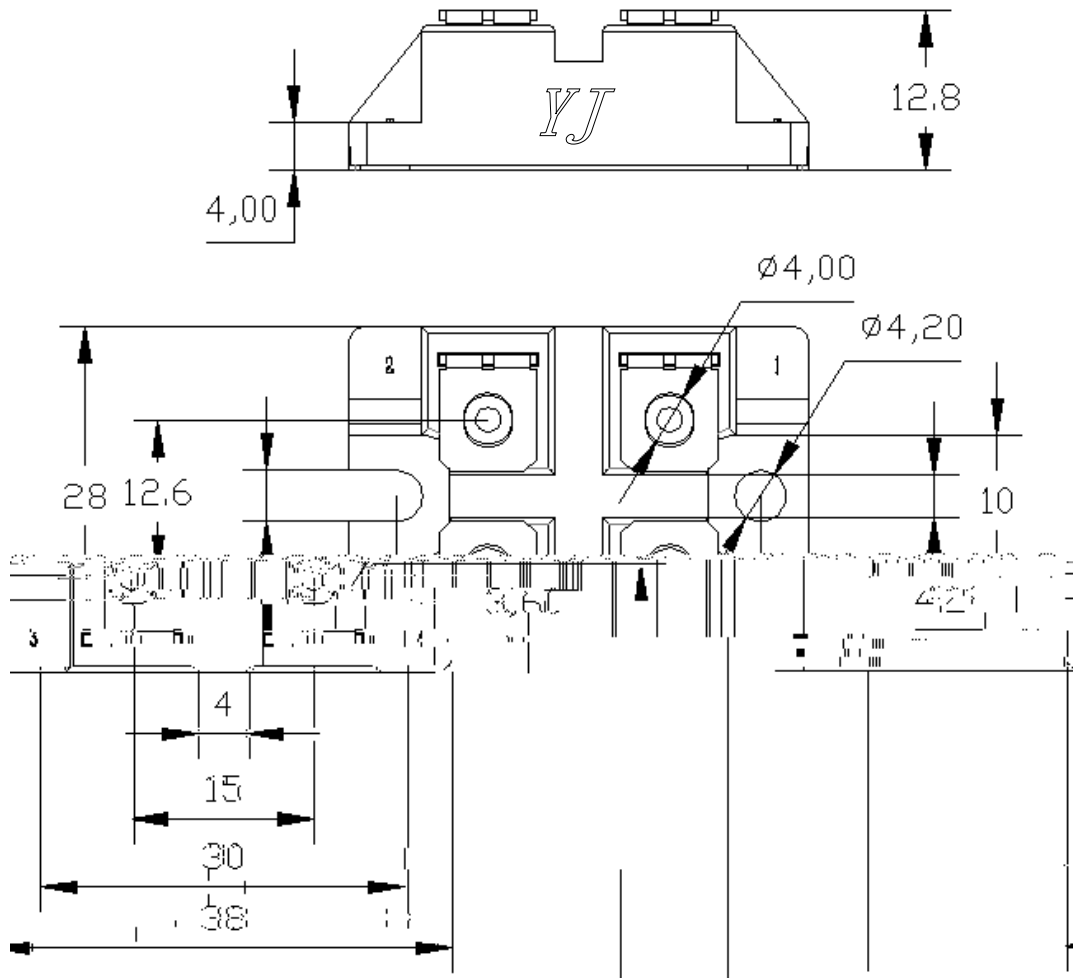
**Fig2. Forward Current Derating Curve**



**Fig3. Typical Reverse Current**

## Package Outline Information

CASE: FJ



Dimensions in mm