

Rating at 25° C ambient temperature unless otherwise specified.

Single phase, half wave ,60Hz, resistive or inductive load.

For capacitive load, derate current by 20%

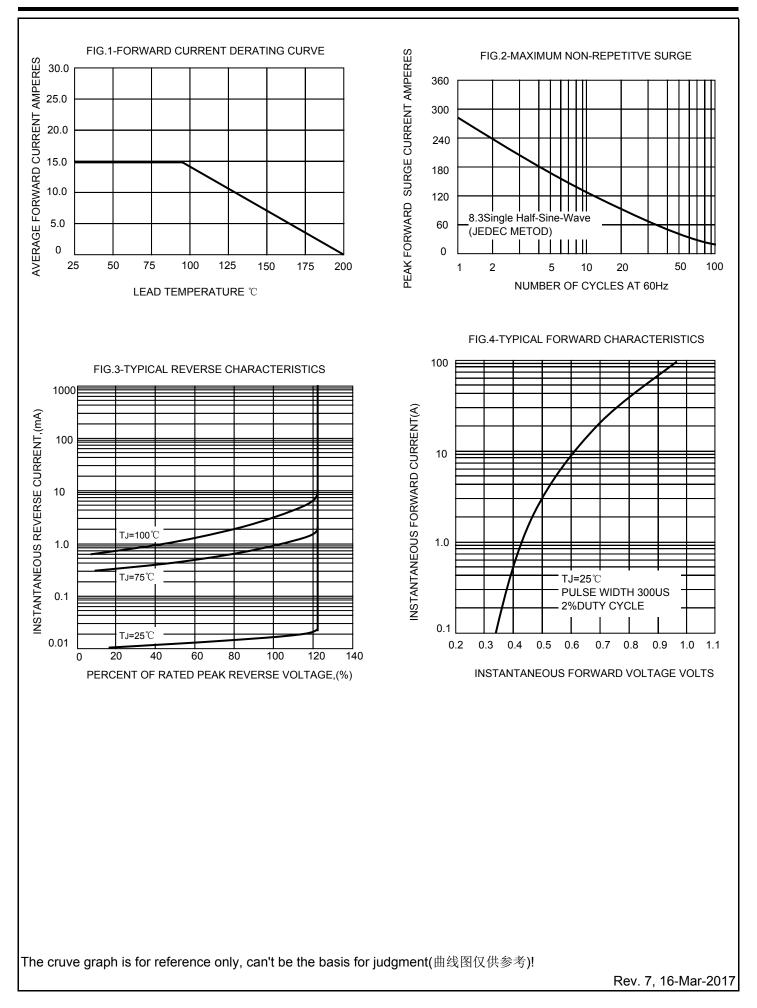
CHARACTERISTICS	SYMBOL	15HY045	UNIT
Maximum Recurrent Peak Reverse Voltage	Vrrm	45	V
Maximum RMS Voltage	Vrms	31.5	V
Maximum DC Blocking Voltage	VDC	45	V
Maximum Average Forward Rectified Current @TL=95 °C	I(AV)	15	А
Peak Forward Surge Current 8.3ms single half sine-wave super imposed on rated load(JEDEC Method)	IFSM	275	A
Peak Forward Voltage at 15A DC(Note1)	VF	0.7	V
Maximum DC Reverse Current @Tj=25 $^{\circ}$ at Rated DC Bolcking Voltage @Tj=100 $^{\circ}$	IR	0.1 50	mA
Typical Thermal Resistance (Note2)	Rejl	1.8	°C/W
Operating Temperature Range	TJ	-55 to+200	°C
Storage Temperature Range	Tstg	-55 to+200	°C

NOTES:1.300us Pulse Width, 2%Duty Cycle.

2. Thermal Resistance Junction to lead / terminal at a distance 1mm from case.

3.The typical data above is for reference only(典型值仅供参考).

RATING AND CHARACTERTIC CURVES 15HY045



HY



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