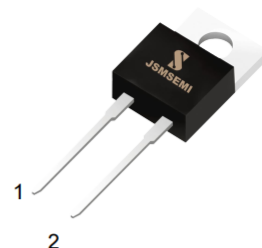


Features:

- ◆ High Surge Capability
- ◆ Low Forward Voltage Drop
- ◆ High Current Capability
- ◆ Super Fast Switching Speed For High Efficiency



TO-220-2L

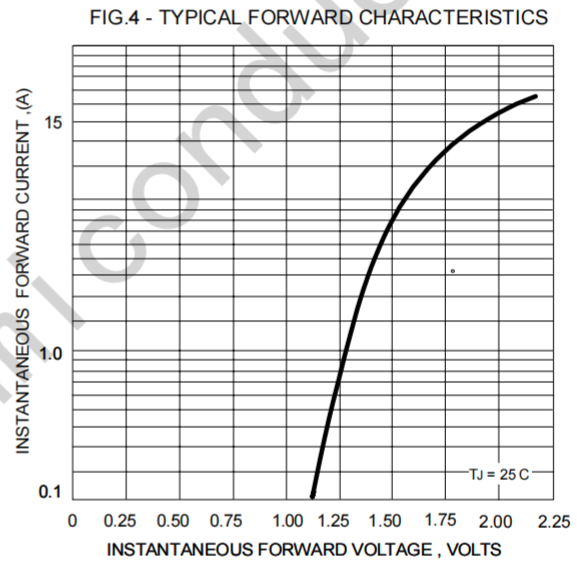
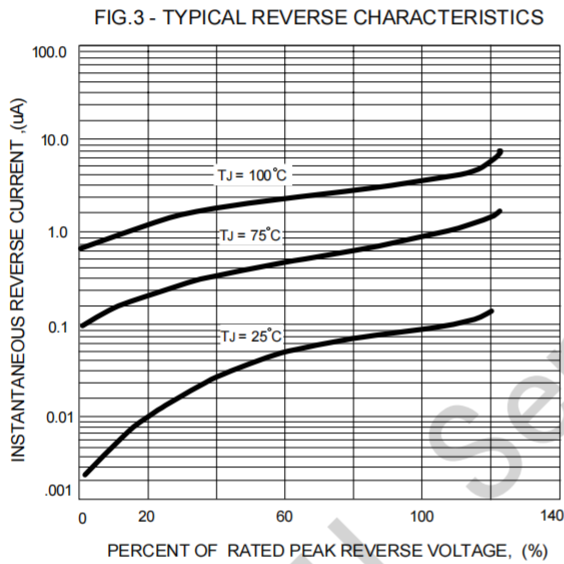
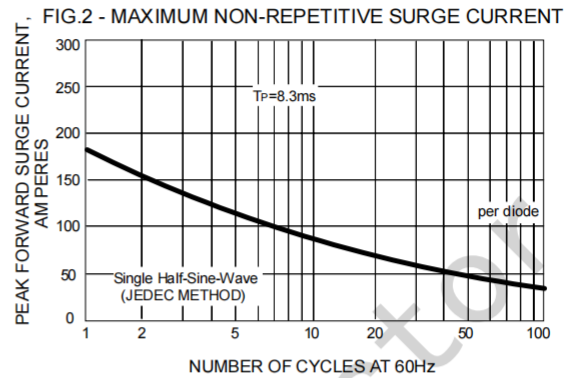
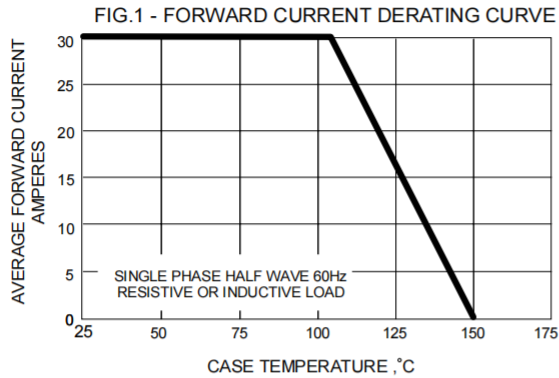
Absolute Maximum Ratings (Ta=25°C unless otherwise noted)

Rating	Symbol	RHRP30120	Unit
Maximum Repetitive Reverse Voltage	VRRM	1200	V
Maximum RMS Voltage	VRMS	840	V
Maximum AVERAGE Forward Current	IAV	30	A
Peak Forward Surge Current, 8.3ms single half sine-wave superimposed on rated load (JEDEC method)	IFSM	180	A
Maximum Forward Voltage at 30A	VF	3.0	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	IR	5 300	uA
Maximum Reverse Recovery Time (Note 1)	TRR	150	NS
Maximum Thermal Resistance	Rθ-JC	2.5	°C/W
Operating Junction and Storage Temperature Range	TJ, TSTG	-55 to +150	°C

NOTES:

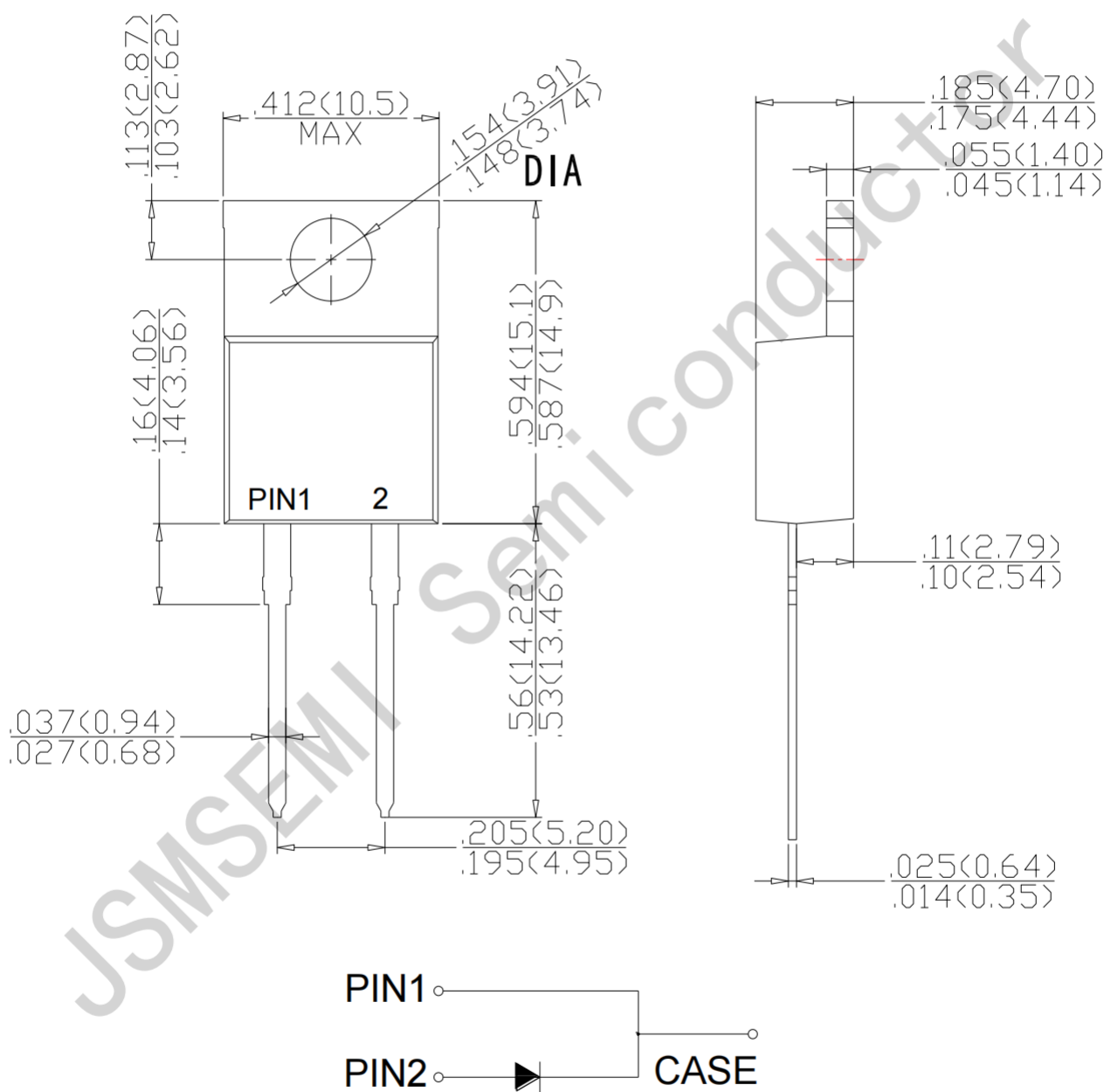
1. Reverse Recovery Test Conditions: IF=.5A, IR=1A, Irr=.25A.
2. Thermal resistance from junction to case.

Typical Characteristics



Package Dimension

TO-220 -2L



Dimensions in inches and (millimeters)