



JMD120ND18T1A

Diode Module

Features

Product Summary

Parameter	
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Applications

Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit
	°C			



Electrical Characteristics

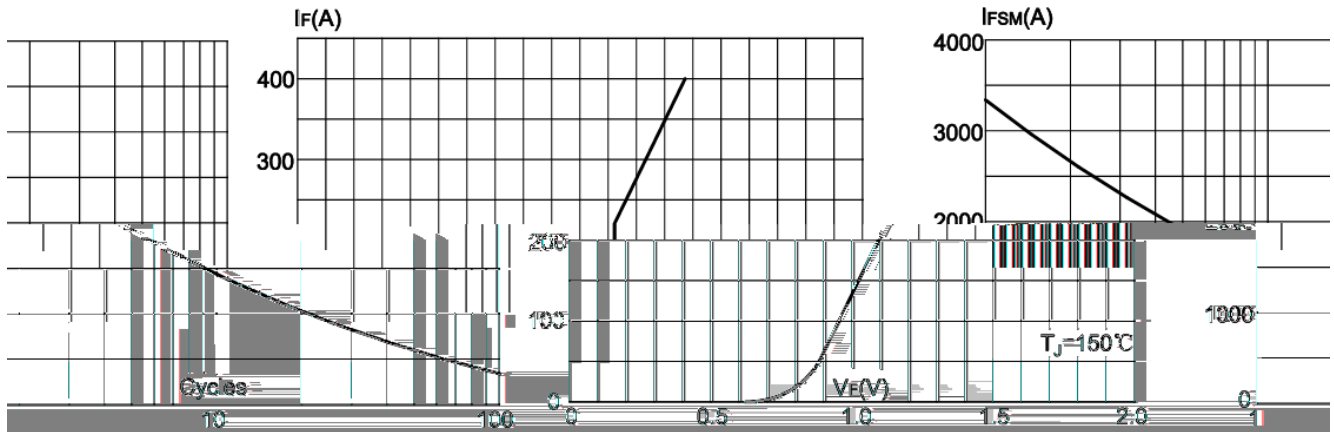
Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	



Typical Electrical & Thermal Characteristics

FIG.1: Forward characteristic (per diode)

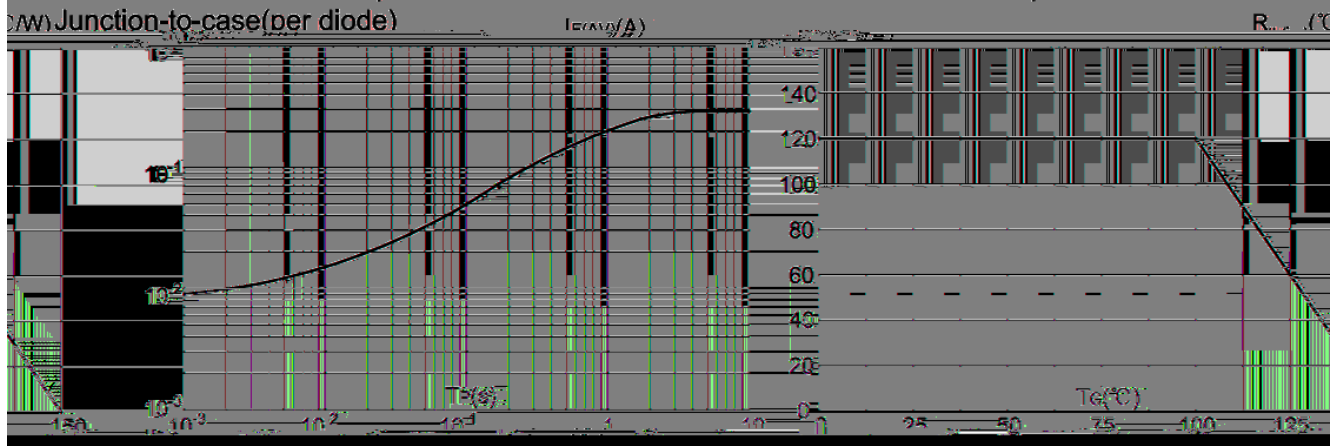
FIG.2: Reverse static characteristic



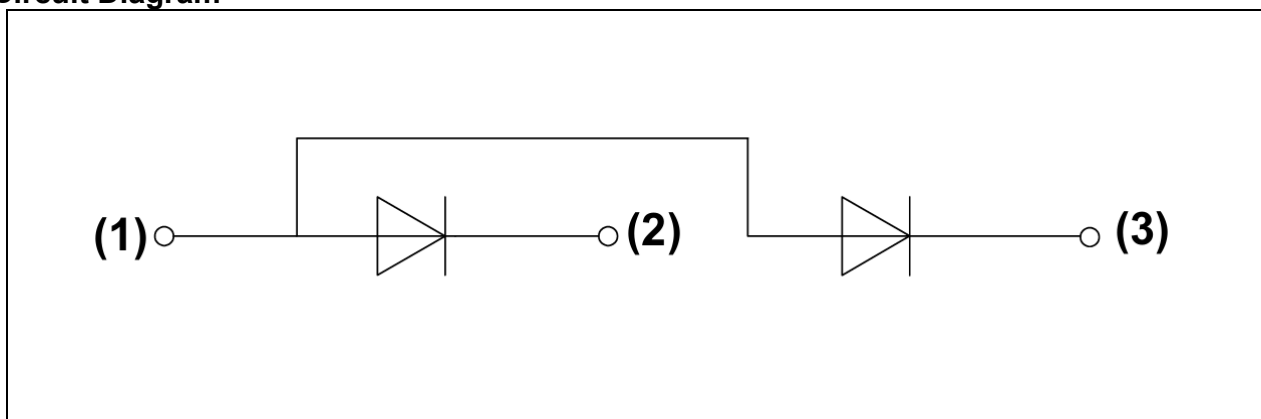
Maximum transient thermal impedance
(W/Junction-to-case(per diode))

FIG.3: Forward current vs. case temperature

FIG.4: Reverse current vs. case temperature



Circuit Diagram





Technical drawing of a mechanical part, showing three views: Top View, Front View, and Side View.

Top View Dimensions:

- Overall Length: $91.4^{+0.3}_{-0.5}$
- Overall Width: $19^{+0.3}_{-0.5}$
- Central Slot Width: $30^{+0.8}_{-0}$
- Slot Depth: $8.5^{+0.5}_{-0}$
- Slot Position: $21^{+0.5}_{-0}$
- Slot Tolerance: ± 0.05

Front View Dimensions:

- Overall Length: $91.4^{+0.3}_{-0.5}$
- Overall Width: $19^{+0.3}_{-0.5}$
- Central Slot Width: $30^{+0.8}_{-0}$
- Slot Depth: $8.5^{+0.5}_{-0}$
- Slot Position: $21^{+0.5}_{-0}$
- Slot Tolerance: ± 0.05

Side View Dimensions:

- Overall Length: $91.4^{+0.3}_{-0.5}$
- Overall Width: $19^{+0.3}_{-0.5}$
- Central Slot Width: $30^{+0.8}_{-0}$
- Slot Depth: $8.5^{+0.5}_{-0}$
- Slot Position: $21^{+0.5}_{-0}$
- Slot Tolerance: ± 0.05

Additional Dimensions:

- Overall Length: $80^{+0.3}_{-0}$
- Overall Width: $15.5^{+0.3}_{-0}$
- Slot Position: $20^{+0.5}_{-0}$
- Slot Position: $24.5^{+0.5}_{-0}$
- Slot Position: $17^{+0.5}_{-0}$
- Slot Position: $15.5^{+0.3}_{-0}$



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