



JMD70MD16T1A

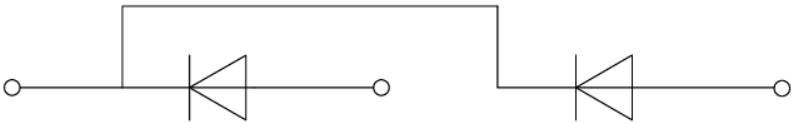
Diode Module

Features

Product Summary

Parameter	Value	Unit
	°C	

Applications



Absolute Maximum Ratings

Parameter	Conditions	Symbol	Values	Unit
	°C			
				°C
				°C

**Electrical Characteristics**

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
	°C					
	°C					
	°C					
						Ω

Thermal Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	

Ordering Information

Device	Marking	Package	Weight	Inner Box	Per Carton



Typical Electrical & Thermal Characteristics

FIG.1: Forward characteristics(per diode)

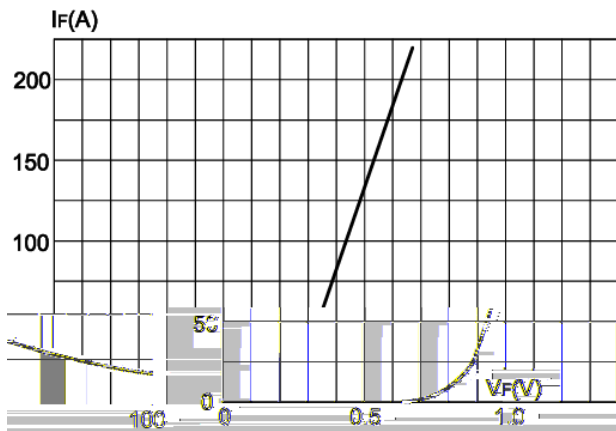
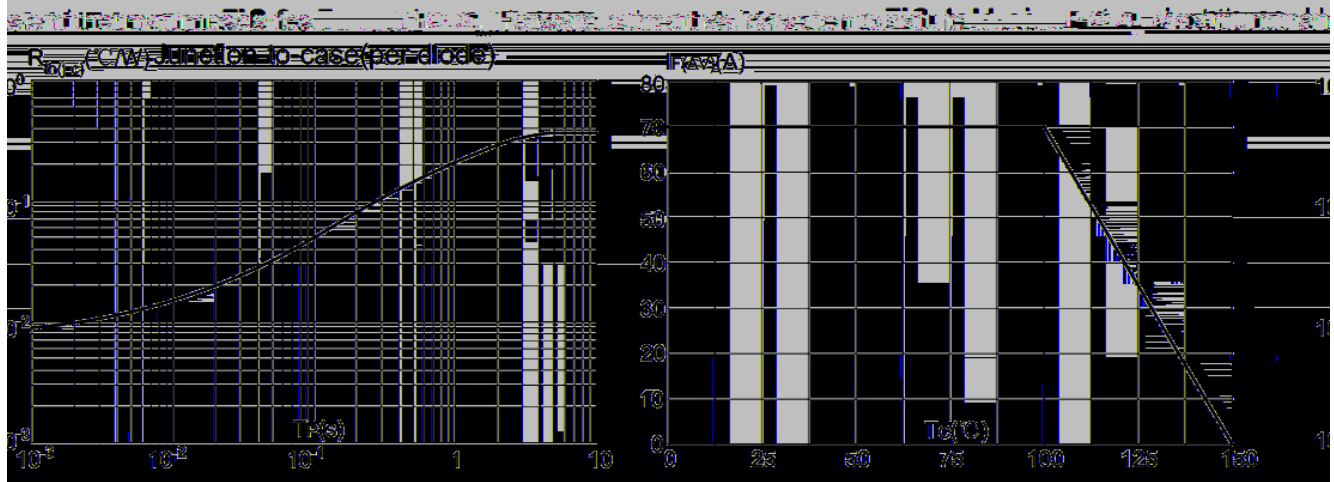
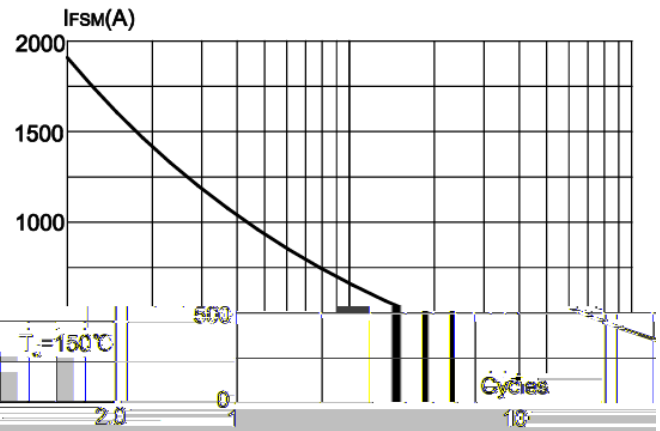
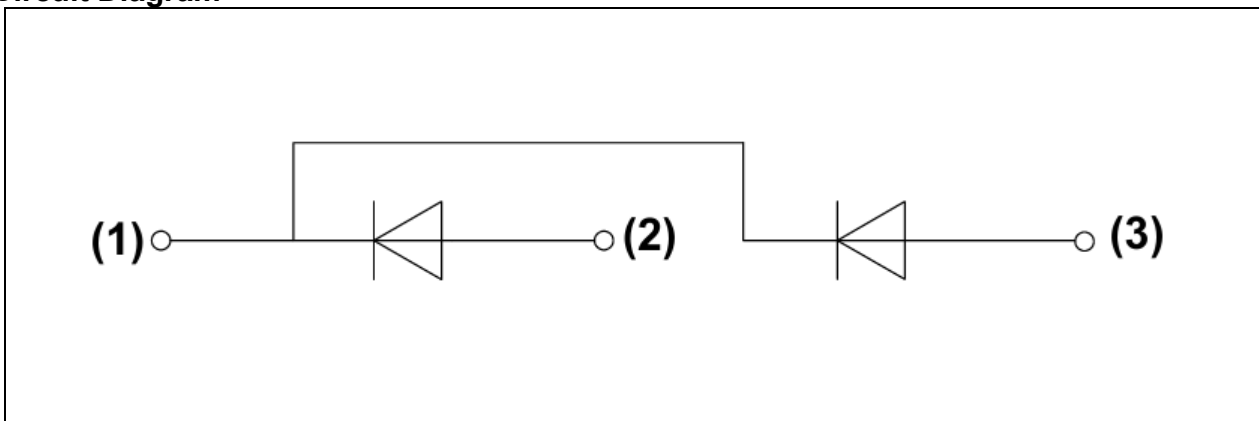


FIG.2: Peak on-state surge current



Circuit Diagram





Technical drawing of a mechanical part, showing three views: Top View, Front View, and Side View. The drawing includes dimensions in millimeters (mm).

Top View Dimensions:

- Overall width: $91.4^{+0.3}_{-0.5}$ mm
- Overall height: $19^{+0.3}_{-0.5}$ mm
- Central slot width: $30^{+0.8}_{-0}$ mm
- Slot depth: $17^{+0.5}_{-0}$ mm
- Slot radius: $R8$
- Slot position offset: $15^{+0.8}_{-0}$ mm
- Slot width offset: $2 \times \phi 6.5 \times 0.3$ mm

Front View Dimensions:

- Overall width: $80^{+0.3}$ mm
- Overall height: $16.5^{+0.5}$ mm
- Central raised section width: $20^{+0.5}$ mm
- Central raised section height: $2^{+0.5}_{-0}$ mm
- Central raised section radius: $R8$
- Central raised section position offset: $15^{+0.8}_{-0}$ mm
- Central raised section width offset: $2 \times \phi 6.5 \times 0.3$ mm

Side View Dimensions:

- Overall width: $16.5^{+0.5}$ mm
- Overall height: $20^{+0.5}$ mm
- Central raised section width: $2^{+0.5}_{-0}$ mm
- Central raised section height: $2^{+0.5}_{-0}$ mm
- Central raised section radius: $R8$
- Central raised section position offset: $15^{+0.8}_{-0}$ mm
- Central raised section width offset: $2 \times \phi 6.5 \times 0.3$ mm



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