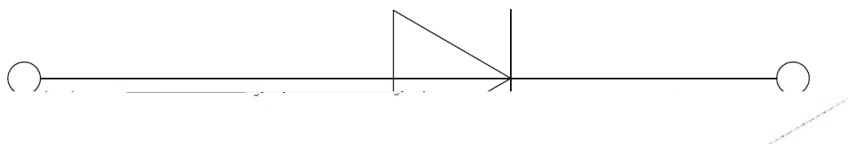




Features

Parameter	Value	Unit

A white, rectangular, 3D-printed component, likely a sensor or actuator, with a QR code and a logo on its side. The component has a complex, multi-tiered top surface with several small, square, metallic-looking features. The side of the component features a QR code and a logo consisting of the letters 'M' and 'J' with a registered trademark symbol. The component is shown from a perspective view, highlighting its three-dimensional structure.



Parameter	Conditions	Symbol	Values	Unit

**Electrical Characteristics**

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	

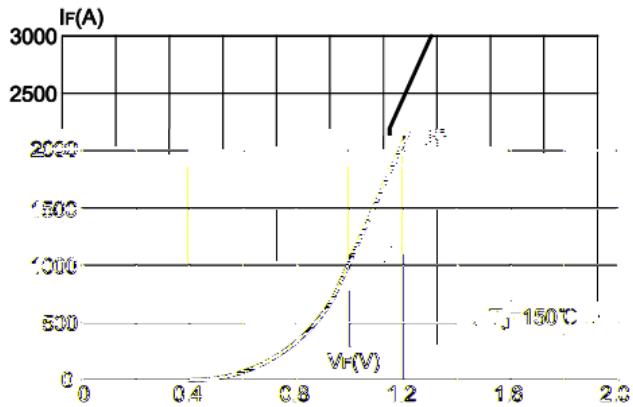
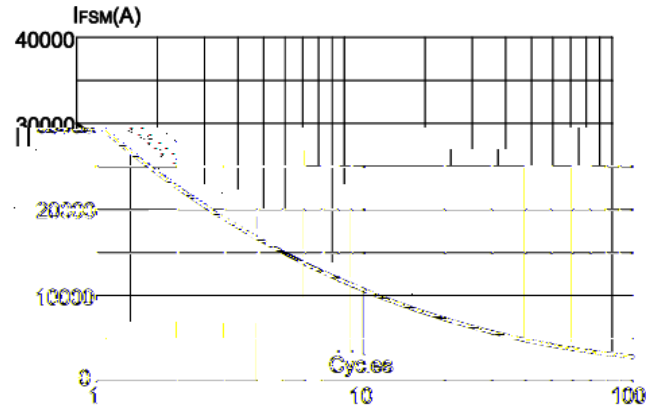
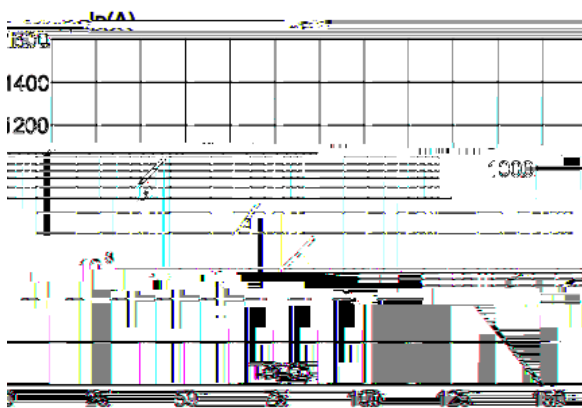
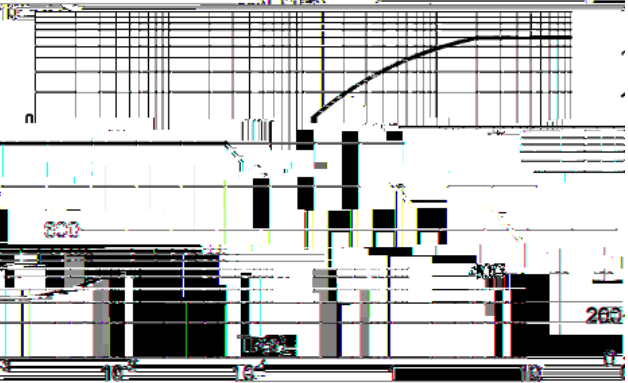
Thermal Characteristics

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	

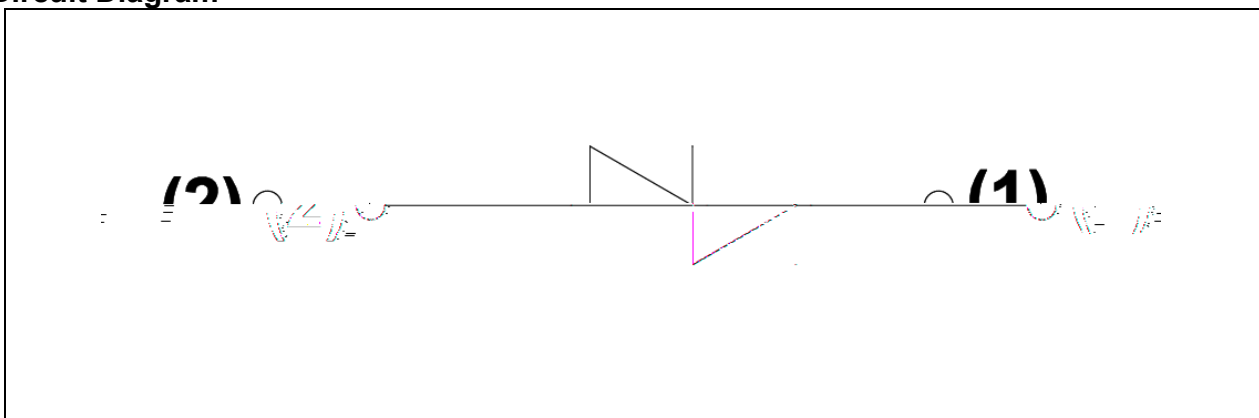
Ordering Information

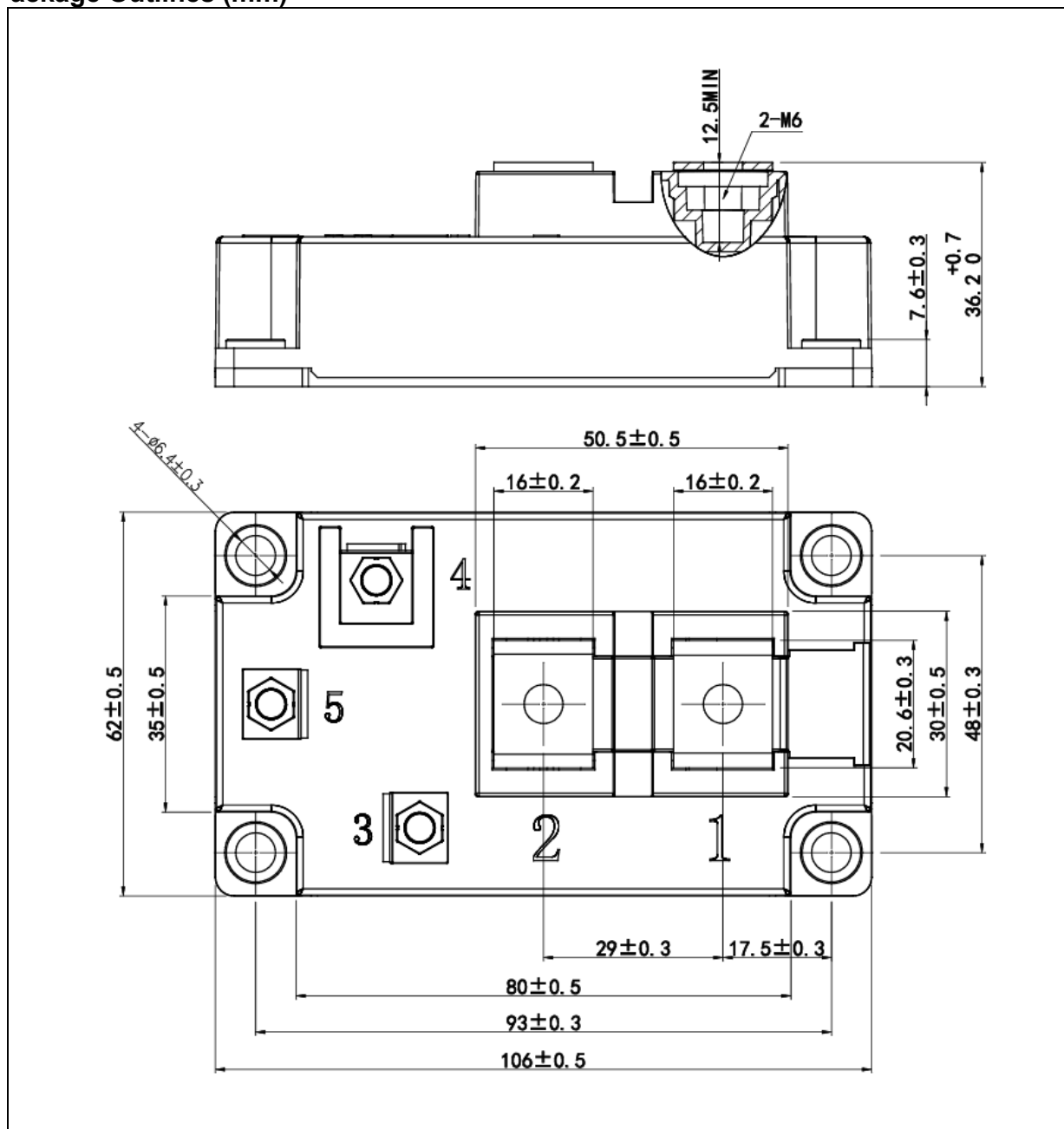
Device	Marking	Package	Weight	Inner Box	Per Carton

Typical Electrical & Thermal Characteristics

FIG.1: Forward characteristics(per diode)

FIG.2: Peak on-state surge current

FIG.3: Forward current vs. case temperature

FIG.4: Maximum transient thermal impedance
 R_{JA} ($^\circ\text{C/W}$) Junction-to-case(per diode)


Circuit Diagram



Package Outlines (mm)




JMD1000KF16G4