

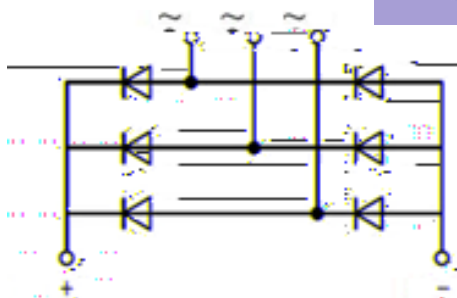
A white, modular electronic component, likely a sensor or actuator, featuring five metal pins and a QR code for identification. The component is shown from a perspective view, highlighting its compact, rectangular design and the metallic contacts on top. A QR code is visible on the side of the component, and a stylized logo is also present.

FIG.1: Forward characteristics(per diode)

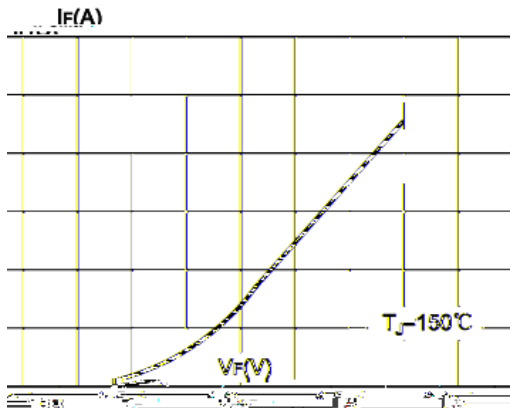


FIG.2: Peak on-state surge current

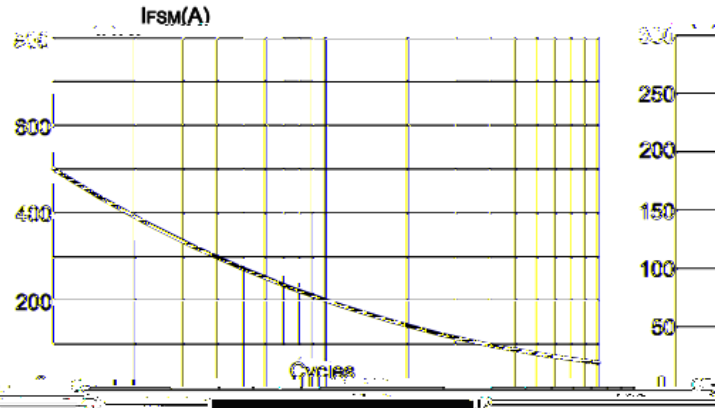


FIG.3: Forward current vs. case temperature

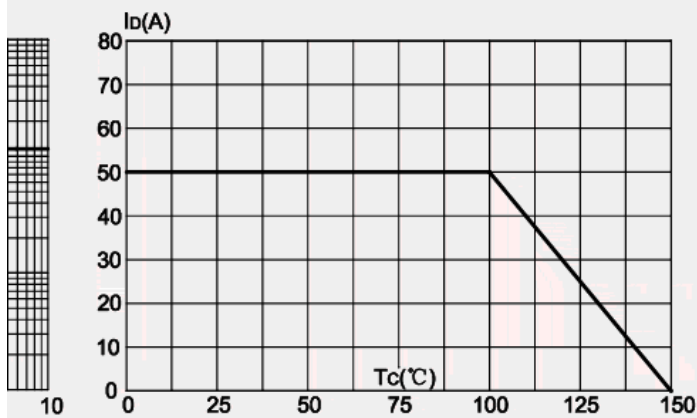
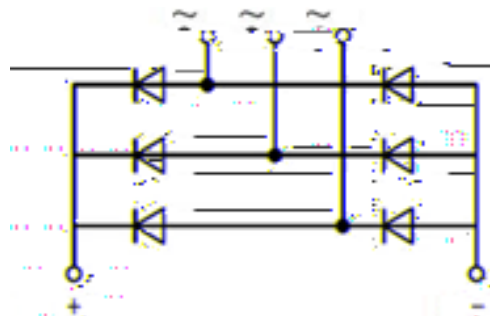
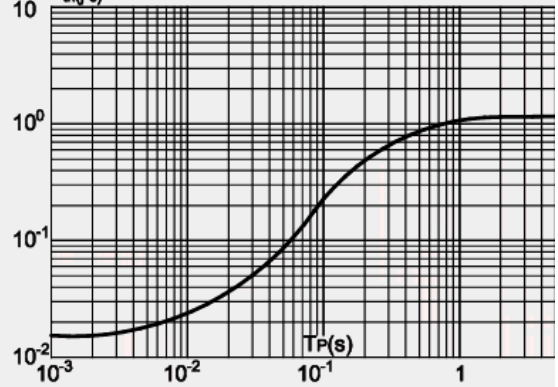
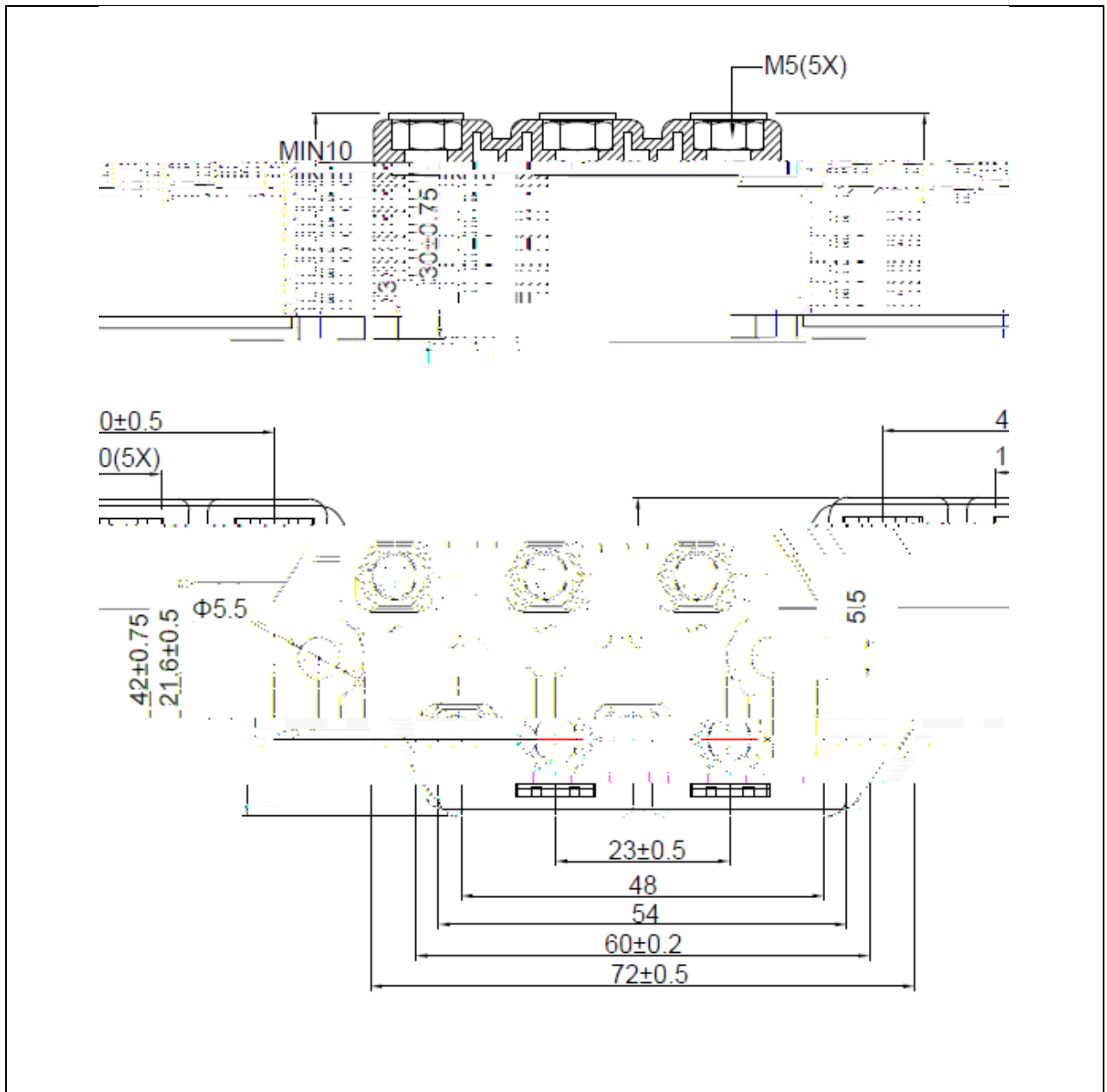


FIG.4: Maximum transient thermal impedance
 $R_{th(j-c)}$ ($^\circ\text{C/W}$) Junction-to-case(per diode)







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