THERMAL BRIDGE TECHNOLOGY: SUPERIOR THERMAL RESISTANCE FOR MAXIMUM SYSTEM UPTIME



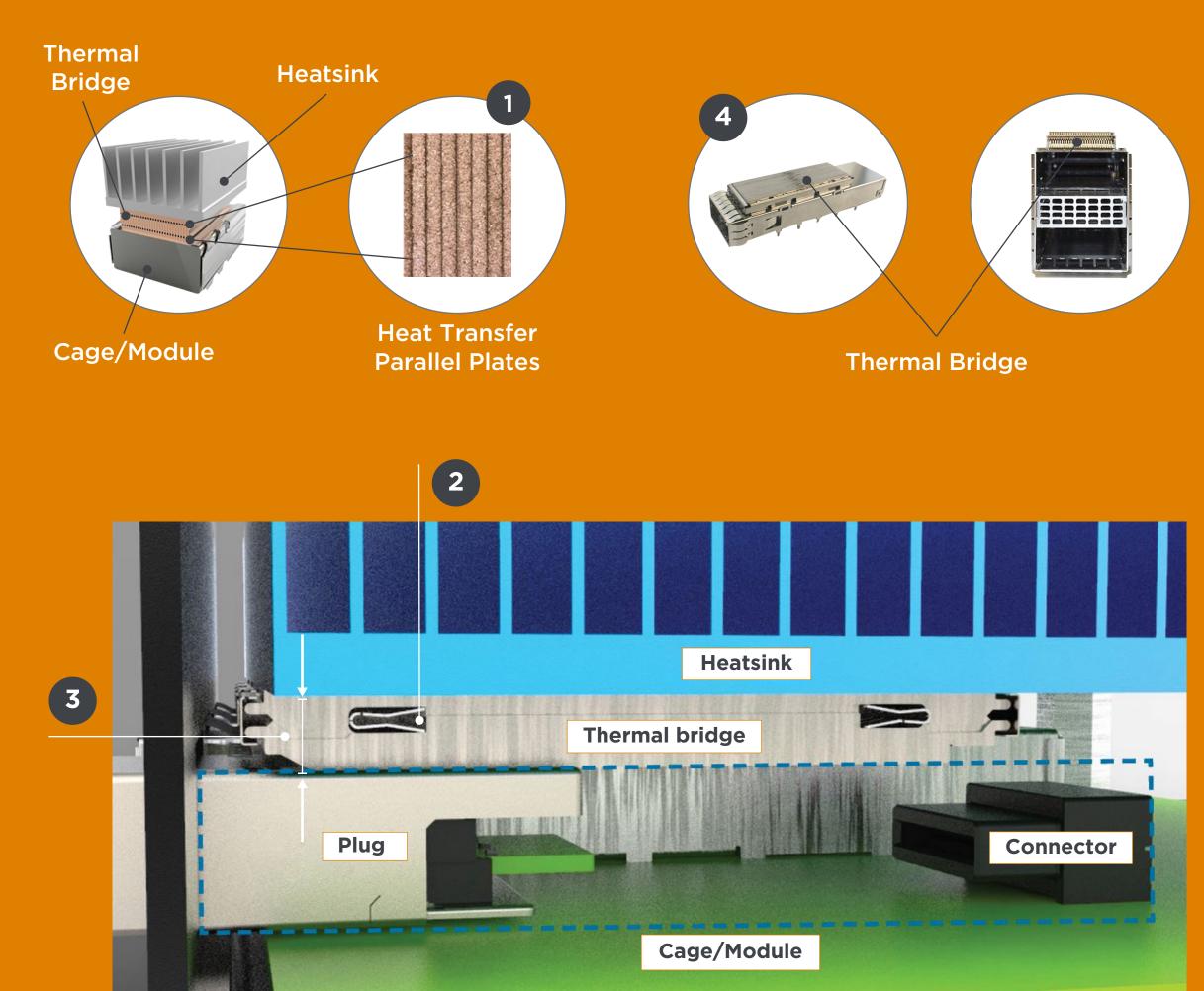
Today's data communication applications have increasingly demanding system power requirements — which often require better ways to dissipate heat. Traditional thermal management approaches such as riding heatsinks don't always provide the optimum solution for applications with restricted airflow, liquid cooling or cold-plates. But what if there was a new way to approach this problem?

TE's new innovative thermal bridge technology provides up to 2x better thermal resistance over traditional thermal technologies such as gap pads or thermal pads. This solution was developed to dissipate more heat associated with increasing system power requirements, specifically in fixed cooling applications with restricted airflow, liquid cooling or cold plates.

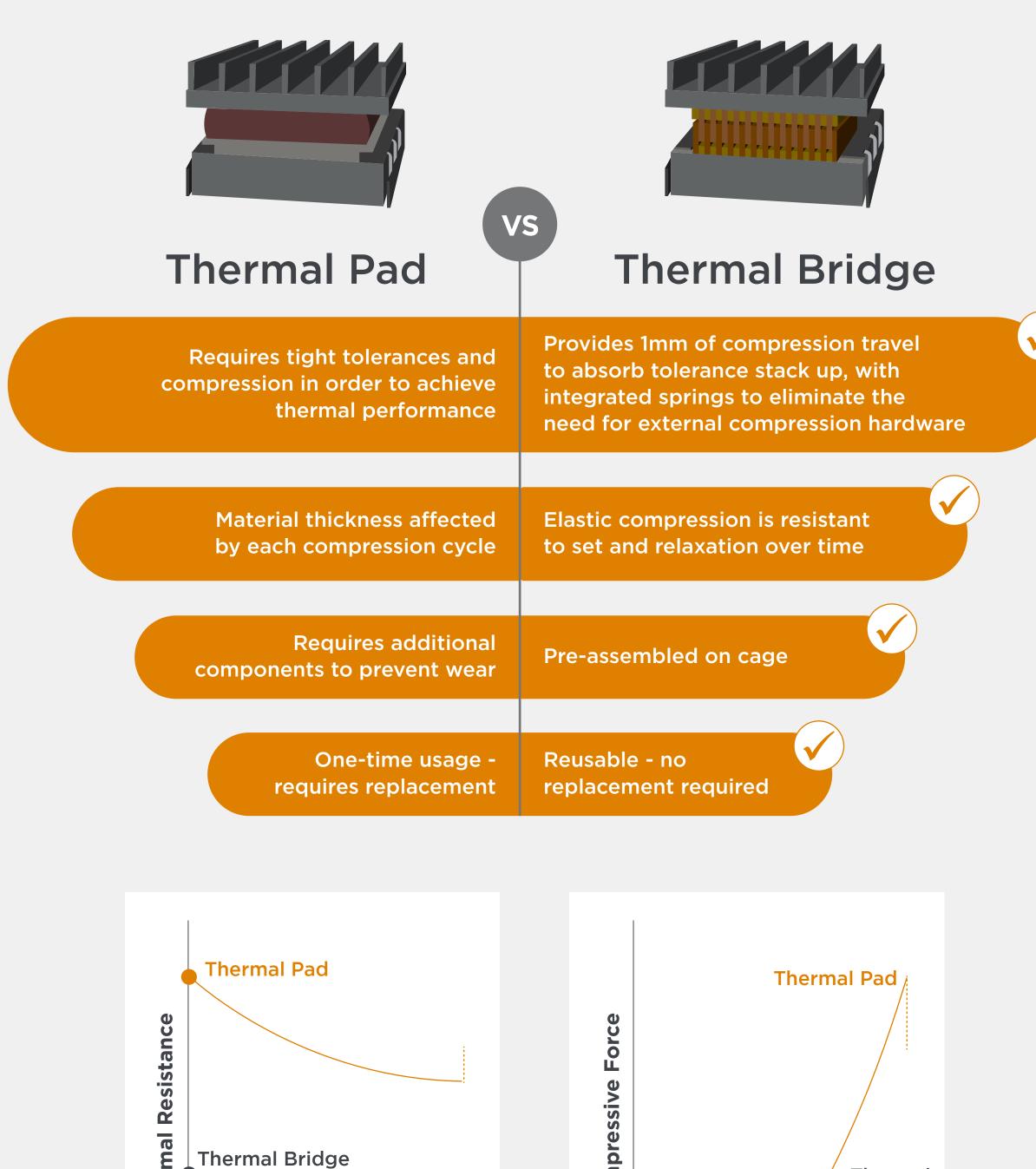
HOW THERMAL BRIDGE WORKS

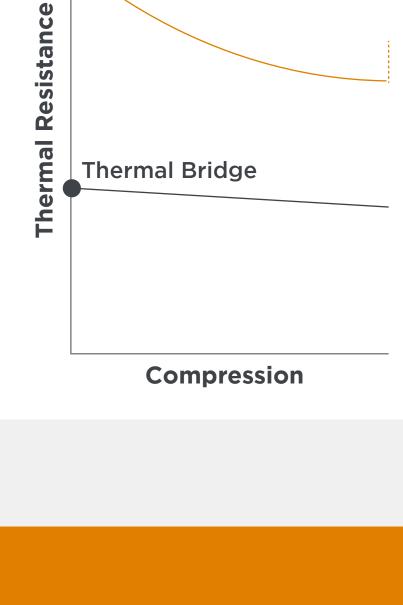
- 1. An interleaved series of highly parallel plates allows heat to pass from the I/O module to the cooling area
- 2. Integrated mechanical springs provide interface force and 1.0 mm of compression travel
- 3. Near-zero plate gap for compressibility and thermal transfer

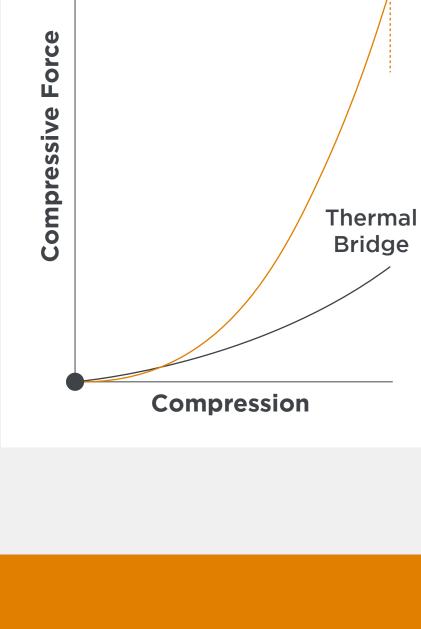
4. Pre-assembled on I/O cage



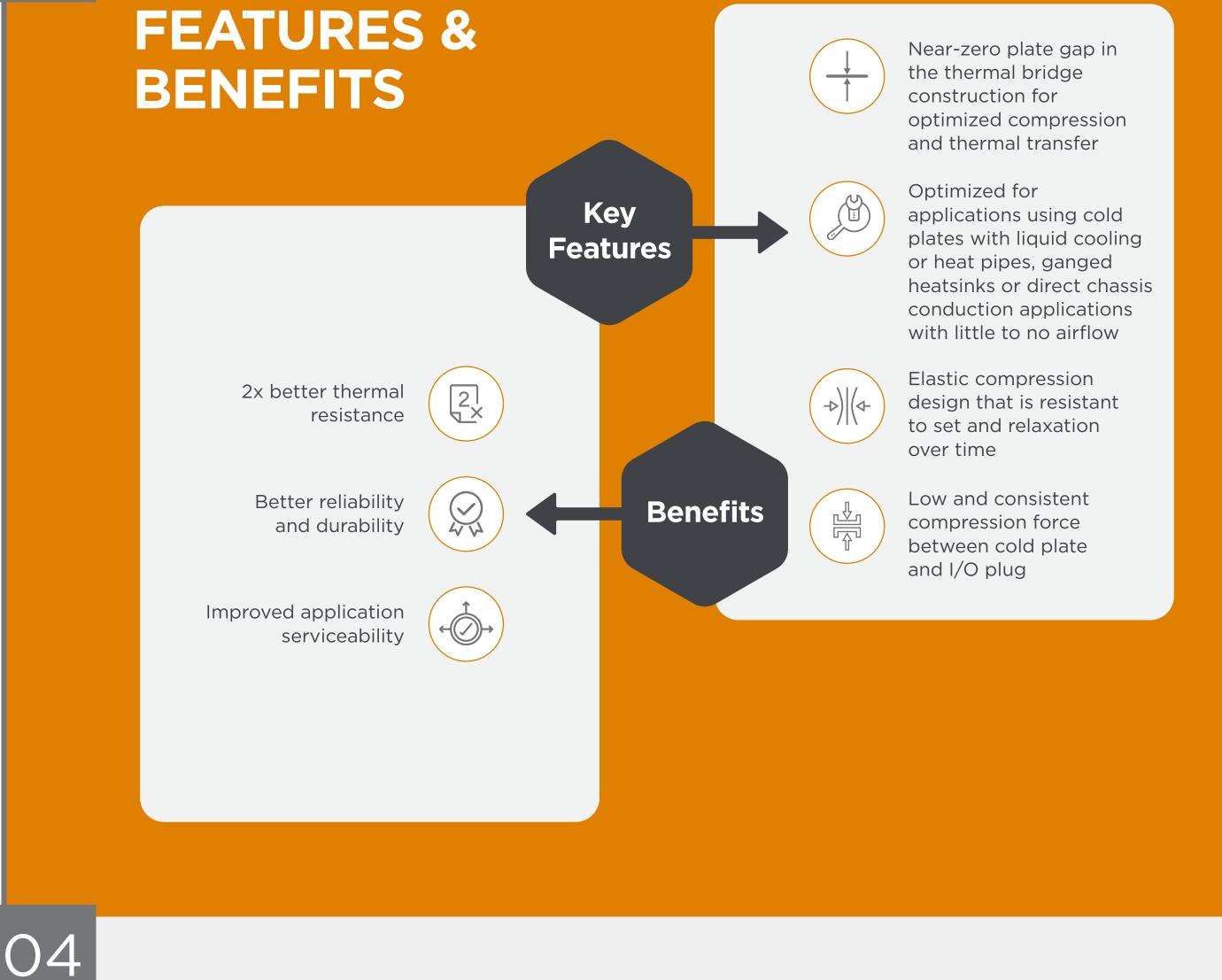
THERMAL BRIDGE VS. THERMAL PAD







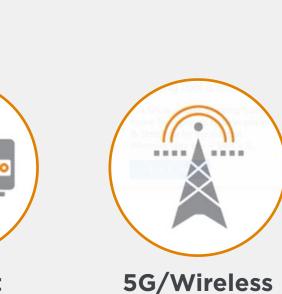
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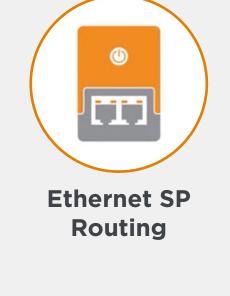
APPLICATIONS











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