

SEMI-FLEX & CAVITY PCB

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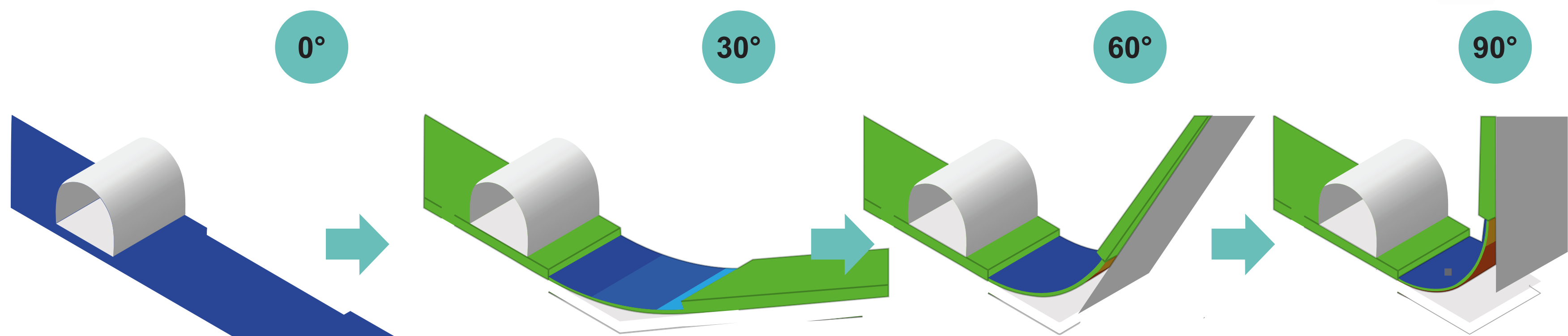
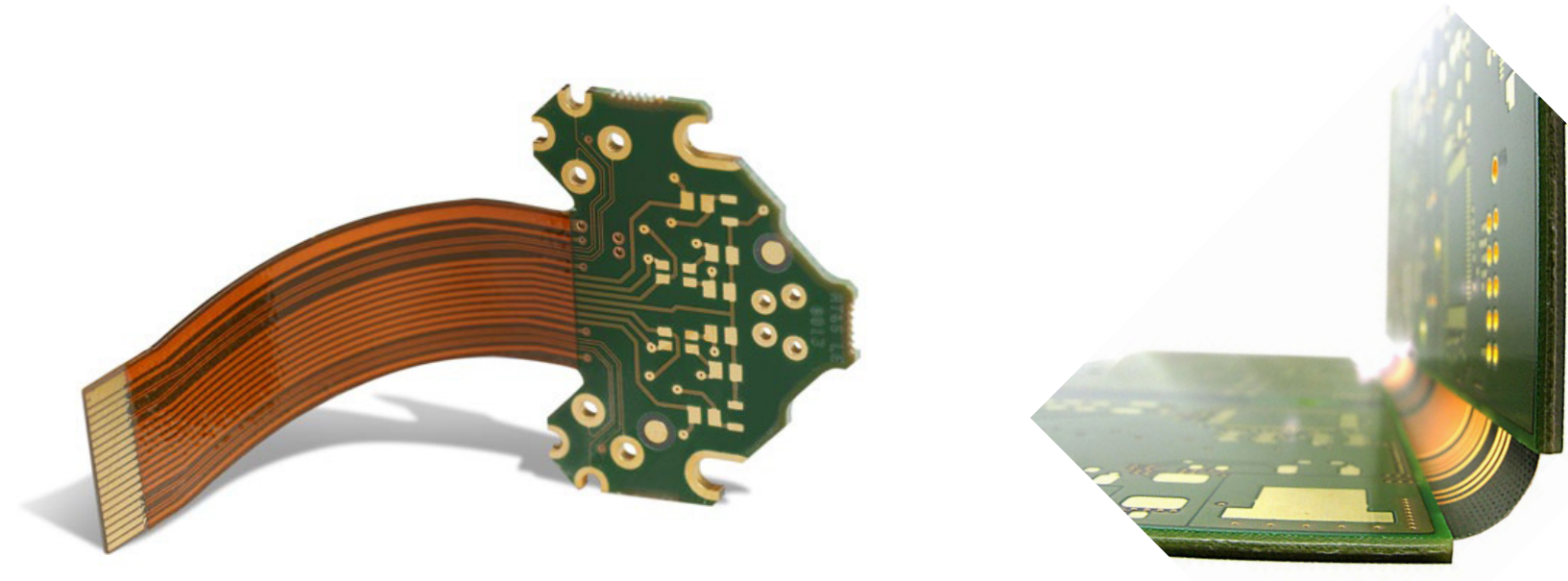
Semi-flex PCB

- Best solution for installation in static positions after bending and fixating
- Mass production experience in automotive and data storage applications
- We offer stress simulations to provide the optimal layout for flexible circuitry



2.5D[®] Technology

Bending cycles	Max. 5 times
Bending part length	Min. 4mm (Angle $\leq 90^\circ$) Min. 10mm (Angle $90 \sim 180^\circ$)
Bending layers	1 or 2 layers

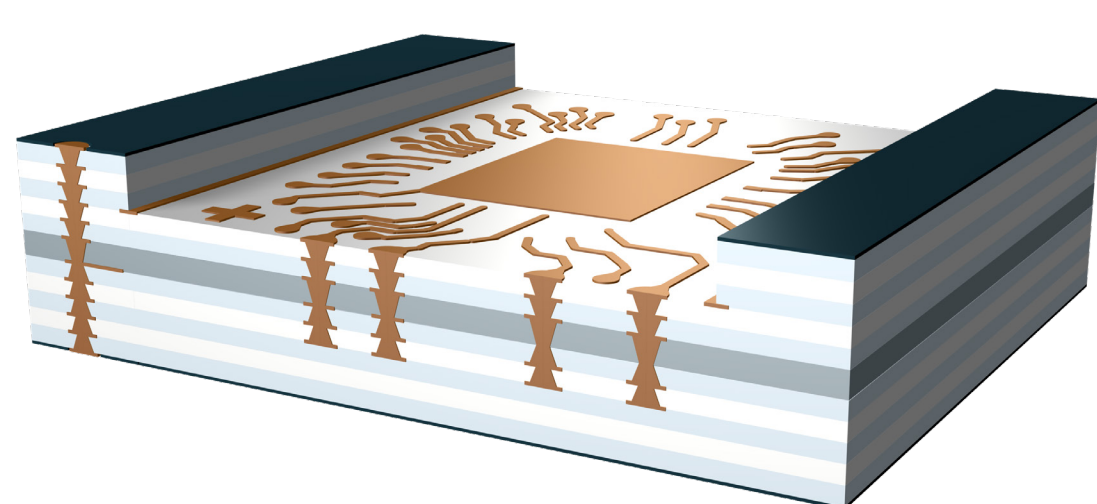
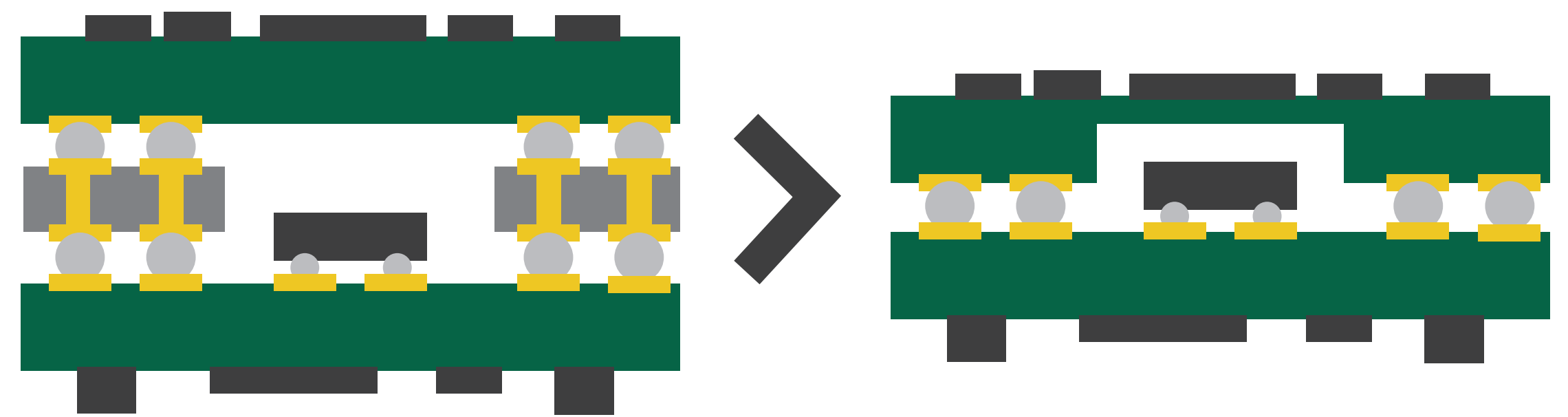


Cavity PCB

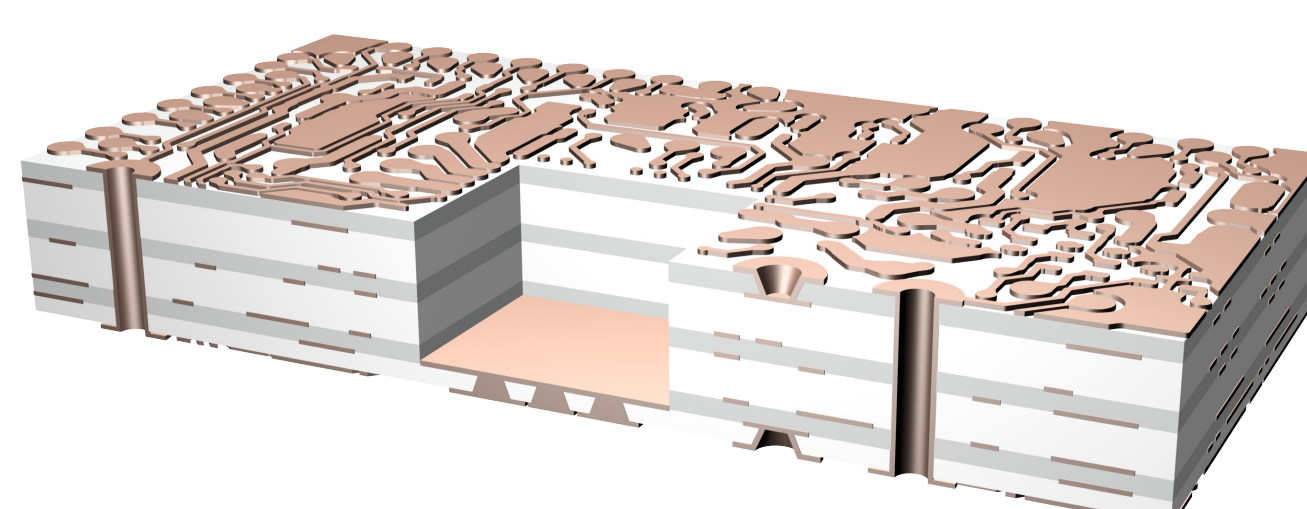
In addition to controlling layer count and thickness, Cavity PCBs can be effective for high-performance thermal management and power solutions

- Interposer-less designs
- Assembly, surface treatment and solder resist coating are possible inside the cavities
- Customizable cavity shapes

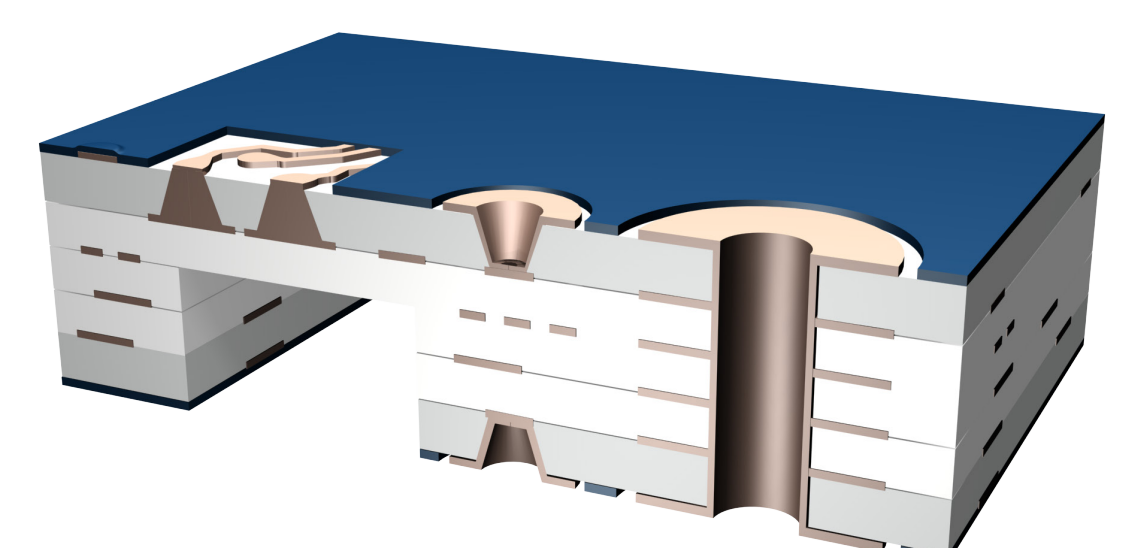
Min cavity size	1x1 mm
Max cavity size	80% of card size



Low height after assembling



Heat dissipation with shorter thermal path



Improved signal performance