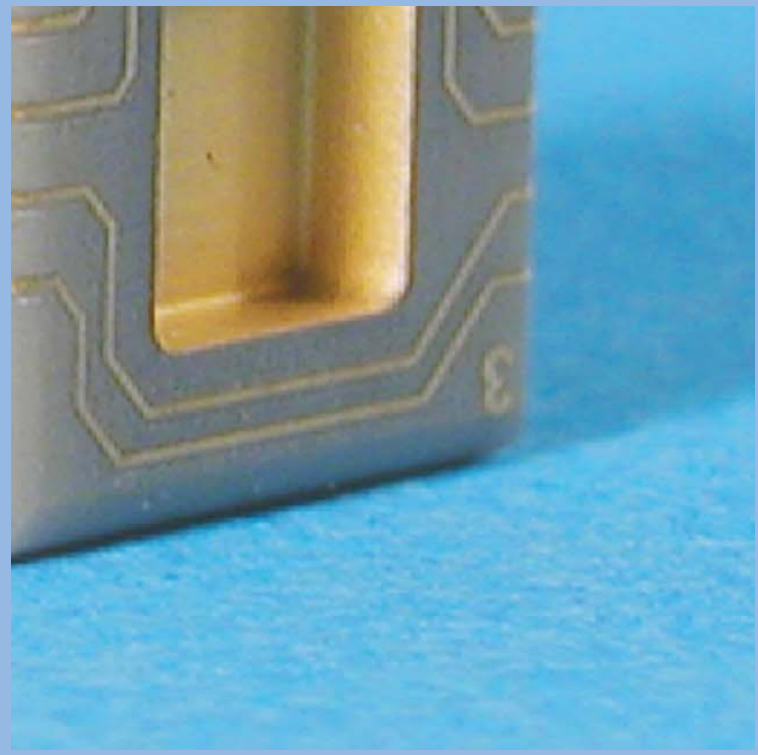
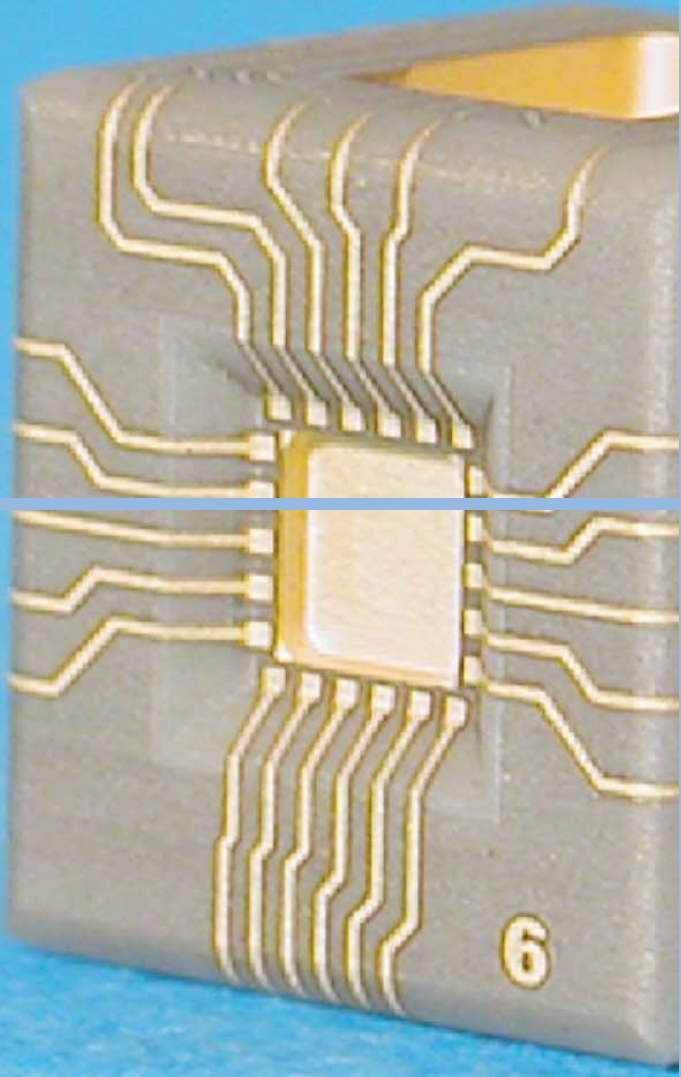


3D interconnection device

CERAMIC COMPONENTS FOR OPTO-ELECTRONICS DEVICES



Applications

- Infra-red detectors
- High-power laser diodes
- Vision systems
- Opto-electronics devices

Products

- Insulators
- Heat sinks
- 3D interconnection devices
- Chip carriers

Materials

- Ceramics : aluminium nitride, alumina, silicon carbide, glass ceramic...
- Silica

Thin-film metallisation

- Platinum
- Gold
- Silver
- Copper
- Aluminium

With electro-plated metal layers upon request

- Oxide layers
 Al_2O_3 , SiO_2 , $2rO_2$...

Circuit etching

- Laser
- Ultrasonic machining
- Chemical

