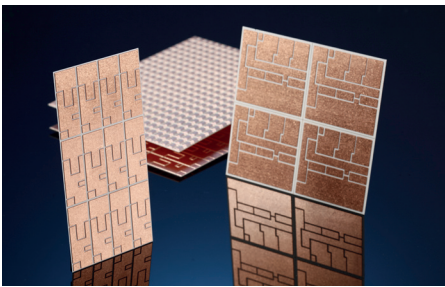
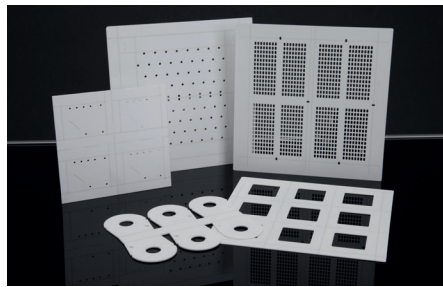


# ONE-STOP & MULTISHOP SOLUTION PROVIDER



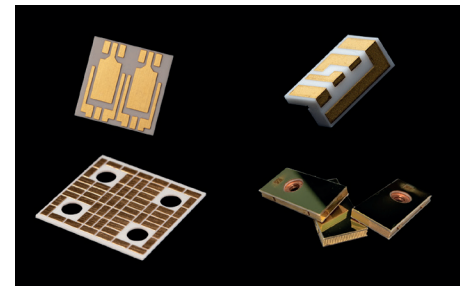
## METALLIZED CERAMIC

- DCB / DBC
- AMB
- S-DBC
- DPC
- DBA



## CERAMIC SUBSTRATES

- ZTA ( $ZrO_2$ )
- $Si_3N_4$
- $Al_2O_3$
- AlN
- BeO
- ALON (NEW)



## ADD-ON FEATURES & SERVICE

- Multilayer & Liquid Cooler
- Submount
- OSAT
- R&D
- Process Consulting



# CONSULTING COMPETENCE

## THERMAL

- Cu Oxidation
- DCB Bonding
- AMB Brazing
- Annealing

## CHEMICAL

- Cleaning
- Plating
- Etching
- Metallization
- Wet-film resist
- Antioxidation

## MACHINING

- Laser (CO<sub>2</sub>, YAG, Pico)
- Grinding
- Brushing
- Lapping
- Polishing

## PATTERNING

- UV-Exposure
- LDI
- Screen printing
- Curtain-coating
- Dry-film resist

## QA / R&D

- Inorganic materials
- Composites
- TCT-Improvement
- Failure analysis

## PRODUCTION

- Production (4.0)
- Inline integration
- Artificial Intelligence (AI)
- Robotics / AOI
- Automation / Handling
- Yield optimization
- Cost-down



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