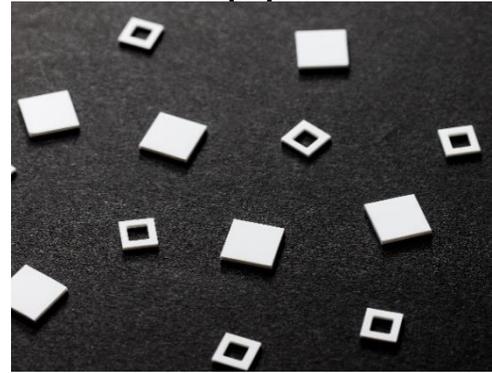


■ Dielectric Loss/High Strength LTCC Green Sheet

We are developing LTCCs with features such as low dielectric loss and high strength. We contribute to the development of electronic equipment.

Low Dielectric Loss Type/High Strength Type

As electronic devices are improving their performance increasingly, wiring boards are also required to have higher functionality. Yamamura Photonics is developing low dielectric loss type and high strength type LTCC green sheets to meet the needs for low dielectric loss due to the development of wireless communication such as 5G and the need for increased strength due to thinning. Yamamura Photonics will continue to develop LTCCs to meet the requirements for higher performance and higher quality in electronic devices, which will continue to progress in the future.



■ Ceramic Sheet/Glass Sheet

It is possible to make sheets of ceramic powders such as Al_2O_3 and Si_3N_4 and AlN , and glass powders.

Sheets Forming of Ceramic Powder/Glass Powder

Yamamura Photonics supports not only LTCC but also the sheeting of ceramic powders and glass powders. A wide variety of ceramic powders, such as Al_2O_3 , Si_3N_4 , AlN , BN, cordierite, mullite, barium titanate, are available. In addition, powders such as glaze glasses can also be made into sheets, which can form thick glass layers by being laminated on a ceramic substrate and then sintered. If you consider the sheeting of ceramic powders and glass powders, please feel free to consult us.



Contact Information

New Product Development Department
4207 Ikonobecho, Tsuzukiku, Yokohama, 224-0053 Japan
URL : <https://www.yama-ph.co.jp/en/contact/> (Inquiry form)

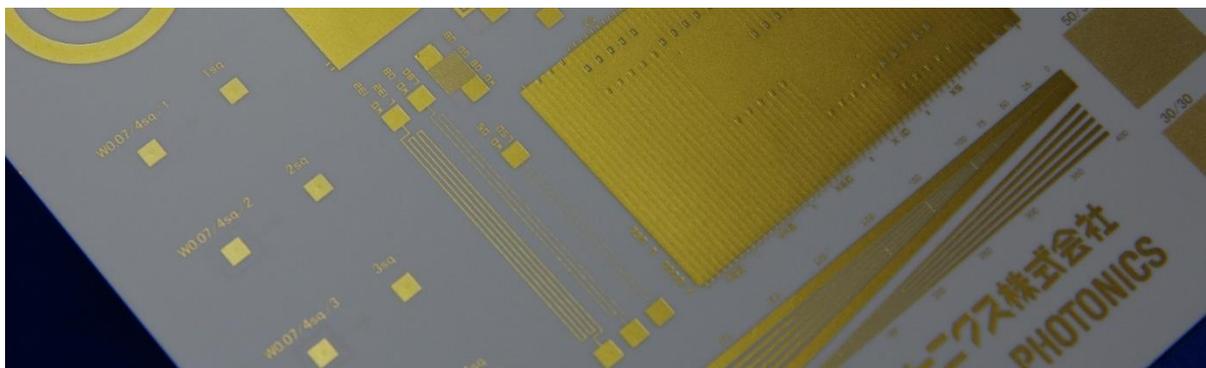
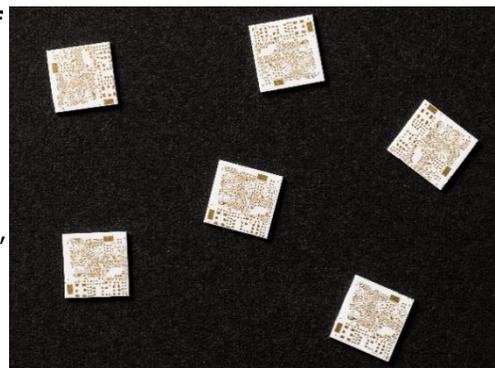
This products information is subject to changed or updated without notice.

■ Electrode Printing and Laminated Substrates for Trial Production

Yamamura Photonics strongly supports your product developments. We provide printing electrode patterns and trial production of laminated substrates.

Electrode Printing and Laminated Substrates

Yamamura Photonics supports prototype-level electrode printing and fabrication of multilayered substrates. Solid-printing and micro-line-pattern-printing by screen printing using Ag, Ag / Pd, and other pastes supplied by customers, and manufacturing laminates of LTCC, alumina, and other ceramics, we accept such trial productions on a small scale at the development stage. We will strongly support quick and smooth development through flexible responses to customer demands.



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