

The document provides details on sample manufacturing considerations, test setups, and further potential modifications.

We love 3D printing ceramics because it gives us PRECISION, allows complex forms, and speeds prototyping. In this guide we share a practical, start-to-finish workflow so we can turn raw ...

To achieve good dimensional accuracy, it seems that I should scale up the model by 13% in all axes, then set the special ceramic resin scale factor to 1.045 (additional 4.5%)

In this study, we successfully prepared a large-size ceramic blank using screw extrusion stacking printing technology. Subsequent glazing and sintering processes were used to create complex ...

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This video showcases our self-developed concentricity testing equipment for ceramic ferrules. Watch the precise inspection process in action, ensuring superior alignment accuracy and product quality, ...

As 3D printing grows, testing the strength of 3D printed ceramics becomes crucial for ensuring reliability and performance in real-world applications. This comprehensive guide explores ...

interconnected products. Connector interferometry equipment employs cameras, mirrors, phased light, and intricate analysis to provide a comprehensive 3D assessment of a ferrule's end-face. This ...

Kyocera's extrusion molding process creates ferrules with excellent coaxiality, and our precision machining ensures excellent concentricity with precise inner and outer diameters. Our ferrules and ...

An introduction to the test specimen itself, its stand-out characteristics, and the reasoning behind them is given. Based on practical observations, a thorough analysis of possible sources of ...

With the syringe pointed up, hold onto the connector and slowly inject epoxy. The moment epoxy is visible at the tip of the ferrule, turn the syringe horizontally and continue injecting epoxy until the connect

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