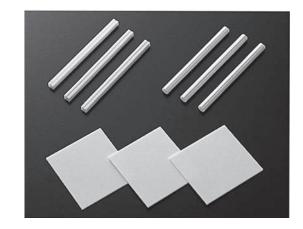
## Negative Thermal Expansion Ceramic Substrate Ref. No. 2410-44E

## **CERSAT**

CERSAT is ceramic substrate material that has a negative thermal expansion coefficient.

It can be used as packaging material for parts that require temperature compensation.



## **Properties**

| Properties/Glass Code            |                      | N-80  | N-70  |
|----------------------------------|----------------------|-------|-------|
| Coefficient of thermal expansion | ×10 <sup>-7</sup> /K | -82   | -70   |
| Young's Modulus                  | GPa                  | 19.5  | 17.0  |
| Color                            |                      | White | White |

The figures of the properties are standard values and are not guaranteed.

## **Shape**

• CERSAT can be supplied in the shape of rods or plates. Please feel free to consult with us.