

A glass-ceramic substrate for a Magnetic Information
Storage Medium

Abstract of the Disclosure

A glass-ceramic substrate for a magnetic information storage medium includes, as predominant crystal phases, lithium disilicate ($\text{Li}_2\text{O} \cdot 2\text{SiO}_2$) and at least one selected from a group consisting of α -quartz (α - SiO_2), α -quartz solid solution (α - SiO_2 solid solution), α -cristobalite (α - SiO_2) and α -cristobalite solid solution (α - SiO_2 solid solution) and has a coefficient of thermal expansion of $+65$ to $+130 \times 10^{-7}/^\circ\text{C}$ at a temperature within a range from -50°C to $+70^\circ\text{C}$ and surface roughness (R_a) after polishing of $3\text{\AA}$ - $9\text{\AA}$.

No suitable figure