

ELECTRONIC COMPONENT-MOUNTING SUBSTRATE AND ELECTRONIC DEVICE

ABSTRACT

An electronic component-mounting substrate including a peeling or falling prevention layer that has excellent adhesion and scratch resistance, can increase smoothness of corner parts of components after processing, and firmly covers a substrate and electronic components provided on the substrate, so that the electronic component-mounting substrate is able to prevent human nails or other components from getting caught between electronic components that are mounted during a process of mounting the electronic components or the like and thus prevent the electronic components from peeling off or falling off from the substrate due to an external damage is provided. The electronic component-mounting substrate according to the present disclosure includes a substrate, an electronic component, and a peeling or falling prevention layer, in which the peeling or falling prevention layer satisfies (1) a rate of change X of a coefficient of static friction obtained in the following [Formula 1] is -50% or greater and 200% or smaller, and (2) an index Y obtained in the following [Formula 2] is 0.8 or greater and 20.0 or smaller. [Formula 1] $X = (\mu_{k300} - \mu_{k100}) / \mu_{k100} \times 100$ [Formula 2] $Y = R2 / (R1 + A1)$.

Figure 1