

ABSTRACT

A lead frame (100) includes a plurality of lead portions (110). At least a part of an upper surface of the lead portion (110) and a sidewall surface of the lead portion (110) is a rough surface having been subjected to roughening treatment. A value of a^* in a CIE Lab color space of the rough surface is within a range from 12 to 19, and a value of b^* is within a range from 12 to 17.