

ABSTRACT

To provide an Al bonding wire satisfying excellent temperature cycle reliability and a favorable 1st
5 bondability. The Al bonding wire contains 3.0% by mass or more and 10.0% by mass or less of Si, and an average diameter of a Si phase in a cross section (L cross-section) in a center axis direction including a wire center axis of the Al alloy bonding wire is equal to or larger than 0.8 μm
10 and equal to or smaller than 5.5 μm .

[No suitable figure]