

ABSTRACT

SOLDER ALLOY FOR PREVENTING FE EROSION, RESIN FLUX CORED SOLDER,
WIRE SOLDER, RESIN FLUX CORED WIRE SOLDER, FLUX COATED SOLDER,
5 SOLDER JOINT AND SOLDERING METHOD

Provided are a solder alloy for preventing Fe erosion, a resin flux cored solder, a
wire solder, a resin flux cored wire solder, a flux coated solder, a solder joint, and a
soldering method which, in order to prolong the life of a soldering iron tip, suppress
10 erosion of the soldering iron tip and by which adhesion of carbide to the soldering iron tip
is suppressed. The present invention has an alloy composition comprising, by mass%,
0.02-0.1% Fe, more than 0% and equal to or less than 0.2% Zr, with the remainder being
Sn, and is used to prevent Fe erosion.

[FIG. 1]