
Non-clean type
Lead-free flux cored solder
ARA LLS227 α

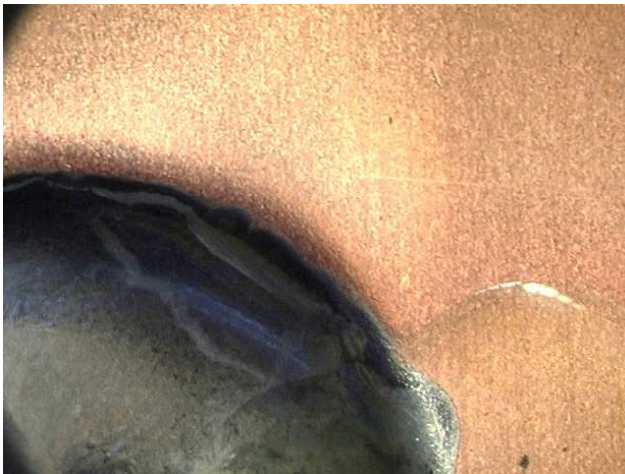
Specifications

Items	ARA LLS227 α
Flux type	Non-Clean
Alloy composition	Sn-Cu-Ni-Ge-Ag
Solidus temperature	227°C
Liquidus temperature	227°C
Flux content/ weight%	3.01%
Halide content/ weight%	0.39%
Spread test	over 75%
Insulation resistance	over $1 \times 10^9 \Omega$
Electromigration	Pass
Copper plate corrosion	Pass

Copper plate corrosion

Test condition ; 40°C, 90RH%,96hours

Initial

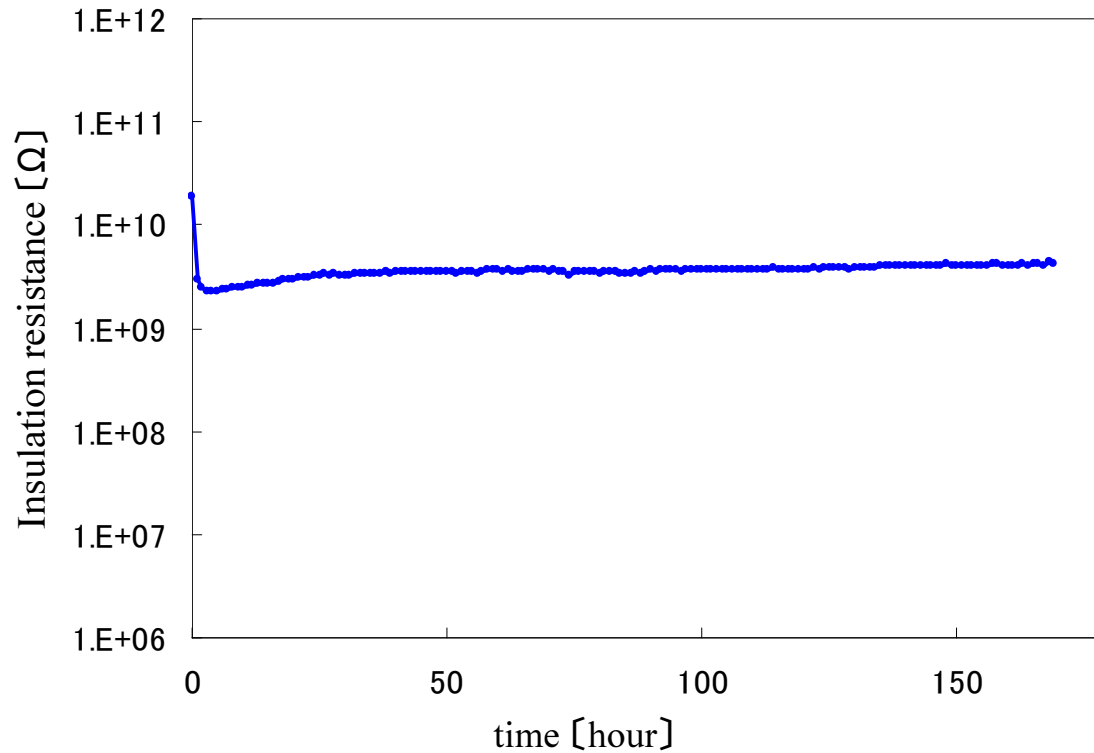


After 96 hours



The test is passed

Insulation resistance



Test condition
85°C, 85%RH, 168h

After 168 hour over $1 \times 10^9 \Omega$

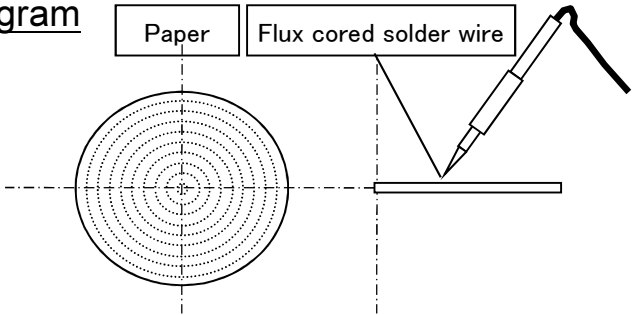
Flux spitting

Test condition

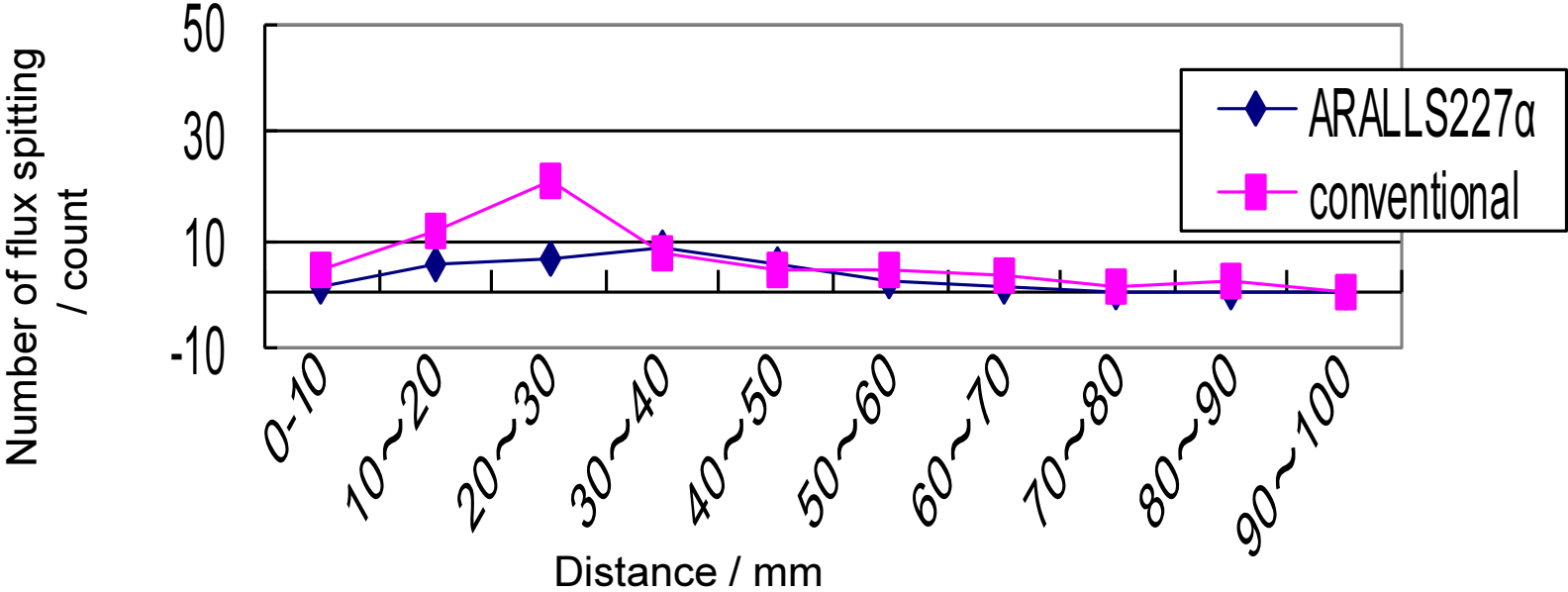
Soldering Iron temperature
Supply solder wire volume
Supply speed

450°C
10mm X 10
10mm/s

Test diagram



Results



ARA reduces flux spitting

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