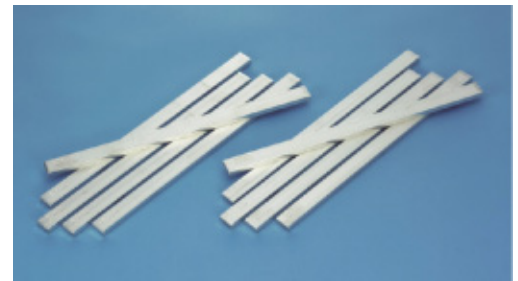


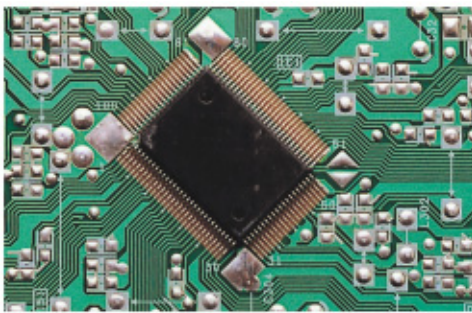
SN100C & SN100Ce

SN100C(Sn-Cu+Ni)中配有少量镍，与传统的锡—铅共晶焊锡具有相当的流动性，良好的焊锡流动性可以抑制锡桥等不良现象的发生，提高焊接穿孔的能力，得到良好的焊接效果，焊接可靠性好且高，不含贵金属银等，锡渣发生最少，降低腐蚀性，可达到降低成本的效果。还有报导说，使用SN100C后提高了音响器材的音质。SN100Ce是用于调整铜成份的焊锡。

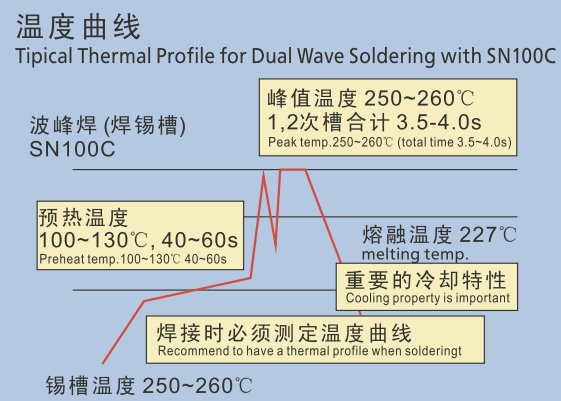
Experience in commercial mass production over six years has confirmed that SN100C Sn-Cu+Ni alloy, with the complementary top-up alloy SN100Ce reliably provides bridge-free soldering. The patented Ni addition improves the wetting and flow of the alloy facilitating through-hole penetration, fillet formation and drainage of excess solder from the board. Performance is at least comparable with that of more expensive silver-containing alloys and joints are smoother and brighter. It has even been reported that the sound quality audio system is better because of higher electrical conductivity.



焊接实验进行中
Always welcome for soldering test
Send your rinated board assembly to our Osaka Headquarters and we will be pleased to wave solder it with SN100C and return it.
Please contact with us detail.



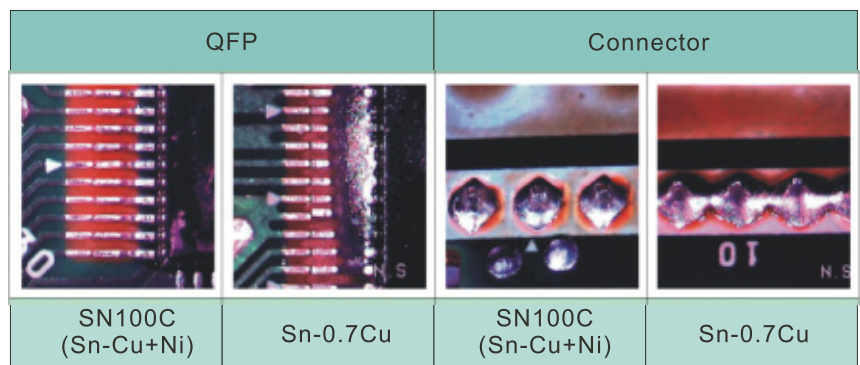
SN100C波峰焊接
QFP100管脚 0.65mm间距
Wave soldering with SN100C
QFP100 pins 0.65mm pitch



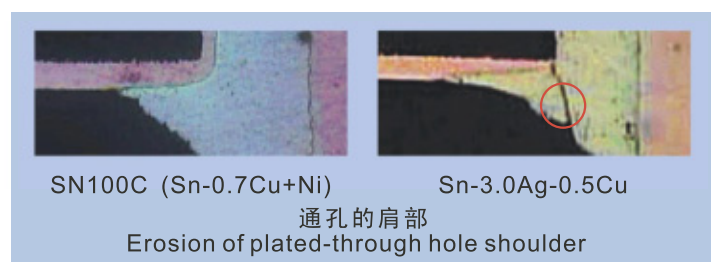
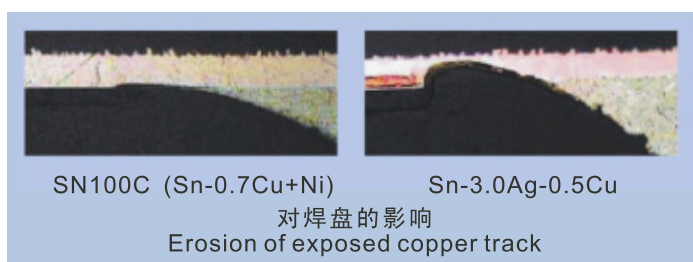
添加镍的效果

Beneficial Effect of Nickel Additions on the As-Cast surface of Sn-Cu Eutectic Alloy

SN100C中含有的镍可提高焊锡的流动性，减少焊点剥裂等不良现象
Trace addition of Nickel into SN100C enhances fluidity, thus reducing the formation of bridges, icicles.



焊锡合金的腐蚀现象比较 Less Copper Erosion with SN100C



肩部的铜箔由于受到腐蚀，强度降低，因此热循环后发生开裂。
Erosion of plated-through hole shoulder results in cracking during thermal cycling.