

高性能环保合金 (NKB083, NKB032)

~比黄铜更容易回收再利用~

Hyper Eco Alloy (NKB083, NKB032) ~Easier recycled than Brass~

- 比黄铜(C2600)具有更高的导电性能, 通电时可以抑制温升。
Higher conductivity than Brass C2600 and temperature rise can be effectively reduced.
- 拥有黄铜(C2600)材料以上的强度、弹性、折弯加工性。
Possesses the same or higher strength, spring property and bend formability compare to Brass (C2600).
- 比黄铜(C2600)具有更好的耐应力、耐腐蚀性、耐应力缓和特性、焊锡性。
Shows higher stress corrosion cracking resistance, stress relaxation resistance and better solderability than brass.
- 镀锡生产后也可以回收再利用。
Possible to be recycled even with Sn plated.

化学成分 Chemical composition

Alloy	Zn (%)	Sn (%)	Cu (%)
NKB083	8.0	0.3	Rest
NKB032	3.0	0.2	Rest

机械特性和导电率

Mechanical property and electrical conductivity

材料 Alloy	质别 Temper	抗拉强度 Tensile Strength (MPa)	屈服强度 Yield Strength (MPa)	导电率 Conductivity (%IACS)
NKB083	H	490	485	41
	EH	570	565	41
NKB032	H	490	485	60

焊锡性 (镀锡材料的冲压破面)

Solderability (Stamping fracture surface of Sn Plating material)

(1) 蚀刻前



NKB083



C2600

(2) 蚀刻后



NKB083



C2600

环保材料 Environmental Friendly Material

