

CKL USA Surface Finish Shelf Life Specifications

Each carton will contain sub-packs. These sub-packs will include a desiccant pack and will be vacuum sealed to ensure highest possible quality. Acceptance criteria for date codes is determined via surface finishes as listed below:

<u>Surface Type</u>	<u>Thickness</u>	<u>Shelf Life</u>
Hot Air Solder Level, HASL	70 – 1,000 u”	One year
Pb-Free HASL	70 – 1,000 u”	One year
Organic Surface Preservative, OSP	0.15 – 0.25 um	6 Months
Electroless Ni Immersion Au, ENIG	1-3u” Gold	One year
Electroless Ni Immersion Au, ENIG	3-5u” Gold	One year
Electrolytic Nickel Gold	< 10 u”	One year
Electrolytic Nickel Gold	> 10 u”	One year
Immersion Tin	0.8 – 1.2 um	6 months
Immersion Silver	6 – 20 u”	6 months
Selective ENIG/OSP	1-5u” Gold	6 months

<u>Surface Type</u>	<u>Manufacturer Name</u>	<u>Product Name/Number</u>
Hot Air Solder Level, HASL	ESE Industries	Solder bar 63/37
Pb-Free HASL	NIHON SUPPERDOR	SN100C(Sn-Cu-Ni+Gc)
Organic Surface Preservative, OSP	SHIKOKU	GLIGOAT-SMD F2
Electroless Ni Immersion Au, ENIG	Uyemura	NIMUDEN SX/AURICAL TKK-51
Electroless Ni Immersion Au, ENIG	Uyemura	NIMUDEN SX / AURICAL TKK-51
Electrolytic Nickel Gold	ATO TECH	NICKEL ADDITIVE/ GOLD CHIWELL –K-300
Electrolytic Nickel Gold	ATO TECH	NICKEL ADDITIVE/ GOLD CHIWELL-K-300
Immersion Tin	ATO TECH	STANNATECH -SN.
Immersion Silver	MacDermid	STERLING SILVER