



Typical Coatings/Plating Property

Plating Type	Color	Typical Thickness/um	Accelerated Life Test			Working Temperature/°C
			PCT(Hours)	SST(Hours)	HHT(Hours)	
Zn	White-Blue passivation	5-10	24	24	N/A	<120
	Colorful passivation		48	48		<120
Ni	bright/semi-bright	10-15	24~48	24~48	240~300	<200
Ni-Cu-Ni	bright	15~25	24~48	24~72 Laser marked: 12~24	240~500	<200
	black					<200
	back satin/matte					<200
	satin					<200
NiCuNiSnCu	white	20~35	72~96	168	240~500	<200
NiCuNi+EI Ni	white	20~35	72~96	168	240~500	<200
NiSn	silver white	10~20	48~72	48~72 Laser Marked: 12~24	240~500	<120
NiAg	silver	10~20	48~72	48~72 Laser Marked: 12~24	240~500	<200
NiAu	golden	10~15	48~72	48~72 Laser Marked: 12~24	240~500	<200
NiCu	changeable color	10~20	48~72	48~72 Laser Marked: 12~24	240~500	<200
NiCr	bright	10~20	48~72	48~72 Laser Marked: 12~24	240~500	<200
Everlube	golden yellow	≥10	72~120	72	240~500	<190
NiCu+Everlube	golden yellow	≥15	72~120	72~120	240~500	<190
Epoxy(Spray)	Black	15~30	>30	>48	120	<190
	dark					<190
	white					<190
NiCu Epoxy (Spray)	black,gray	25~45	16~30	>72	300~700	<200
Epoxy(Electrophoreseis)	black,gray	12~30	16~30	>72	300~500	<200
Phosphorization	light gray	1~2	3~8	3~8	N/A	<60