

1. Type of Coatings

1) Metallic Coatings

Zn, Color Zn,
Ni, Double Ni,
Electroless Ni,
Ni-Cu-Ni
Zn-Ni Alloy

2) Organic Coatings

Epoxy

3) Others

Passivation

* All above coatings
meet the RoHs
requirements.

2. Properties of the Coatings (Sample Dimension: dia. 12.5*1.5mm)

Coating & Performance	Coating Thickness (µm)	Corrosion-Resistant in Salt Fog(Hr)	Coating Porosity	Magnetic Flux Lose	Color	PCT (Hr)
Zn	10-15	>24	<0.1	<0.2%	white	>16
Color-Zn	10-15	72	<0.1	<0.1%	multicolor	>24
Ni	10-20	4	<0.5	<0.3%	silver	>16
Double-Ni	15-20	24	<0.2	<0.3%	silver	>16
Ni-Cu-Ni	15-30	>48	<0.1	<0.1%	silver	>42
Zn-Ni Alloy	10-20	>720	<0.1	<0.1%	multicolor	>72
EPOXY	10-50	>300	-	-	black	>24
Passivation	1-5	>8	-	-	silver	>4
Electroless Ni	<1	>72	-	-	silver	>24

Notes: 1. Corrosion-Resistance in Salt Fog: 37-39°C, 5% NaCl, PH6.5-7.0, Salt spray sinking: 1.5ml/Hr.

2.PCT: 120°C, 2atm, 100%RH, 12Hr.