

## ■ “GREEN CAP”

“GREEN CAP”, ELNA considers the global environment and it is a product that doesn't use the hazardous substance and “Lead Free” in the plating of terminals and outer Sleeves.

The product in this catalog is 'GREEN CAP'.

The hazardous substance is

Pb : lead, Cr<sup>6+</sup> : hexavalent chromium, Hg : mercury and Cd : cadmium,  
PBB : the polybrominated biphenyl, PBDE : the polybromo-diphenyl ether,

## ■ Regarding to various environmental Regulations

- It suits “EU RoHS Directives”.
- According to the content of RIP3.8TGD(Technical Guidance Document which is published on 26 May 2008), our electronic components are “articles without any intended release”.  
Therefore they are not applicable for “Registration” for EU REACH Regulation Article 7 (1).  
ELNA develops the products without substance of very high concern(SVHC). DEHP(CASNo.117-81-7) was contained as some covering material.
- If you need “Halogen-Free” products, please consult with us.

## Terminal area plating material and sleeve material

### ● Aluminum (Polymer hybrid,Conductive Polymer Solid Electrolyte) electrolytic capacitors

Category		Terminal area plating	Plating thickness	Sleeve
SMD (Chip type)	φ 3 to 6.3	Sn-Bi	12μm	Sleeve less
	φ 8,10	Sn-Bi	12μm	PET or sleeve less
	φ 12.5	Sn 100%	12μm	PET or sleeve less
	φ 16 to 18	Sn 100%	12μm	Sleeve less
	Supplementary terminal of RT* type	Sn 100%	12μm	PET or sleeve less
	Supplementary terminal of RY* type	Sn 100%	12μm	Sleeve less
Lead terminal		Sn 100%	12μm	PET or sleeve less
Snap-in		Sn 100%	12μm	PET
Screw terminal		—		PET

### ● Electric double layer capacitors

Category		Terminal area plating	Plating thickness	Sleeve	
Coin cell	SMD	Single cell	Sn 100% or Sn+Cu	5μm	Sleeve less
		Piled cell	Sn 100%	5μm	PET
	Lead type		Sn 100%	5μm	PET
Large capacitance	Lead terminal		Sn 100%	12μm	PET
	Snap-in terminal		Sn 100%	12μm	PET
	Screw terminal		—		PET

Note : Sn : Tin Bi : Bismuth Cu : Copper

Please inquire when hoping excluding the above-mentioned terminal plating and sleeve.