ECO-PRODUCTS

About “GeoCap”

Nichicon promotes environmentally conscious practices.

Nichicon offers “GeoCap”,which has completely lead free terminals and contains no polyvinyl chloride in the sleeve.

Type.Classification	Type.Series	Lead-Free Compliance	Anti Polyvinyl Chloride Compliance	Page
Radial Lead type	JUM, JUW, JUK, JUA	Complied	Complied	WEB
Snap-in Terminal type	JJC			WEB
Screw Terminal type	JJD, JJL		Available upon request	WEB

Corresponding to RoHS Directive

		ELECTRIC DOUBLE LAYER CAPACITORS "EVerCAP®"		
		Lead wire terminal type	Snap-in terminal type	Screw terminal type
Corresponding to RoHS Directive		Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).		
Material	The portion of the components			
Lead (Pb)	Plating on terminals	Change plating from Sn-Pb to Sn		Al
	Insulating Sleeves	Replaced with PET		—
	Construction of terminals	Fe/Cu/Sn		Al
		Cu/Sn	Cu-Zn/Au	
		Plating thickness 12μm Plating type matte No heat treatment after plating	Plating thickness 10μm Plating type matte No heat treatment after plating	—
	Resistance to soldering heat	Correspondence to 260°C flow soldering condition		Not Applicable
	Solderability Tensile strength	No significant solderability difference between Sn-Ag-Cu and Sn-Pb solder.		—
Chromium (VI)	Plating material	Does not contain		Available (Chromium(VI)contained in the plating of fixtures)
Mercury		Does not contain		
Cadmium				
PBB, PBDE				
DIBP, DBP, BBP, DEHP				
Identification for RoHS compliance parts		Part numbers are changed Add "Pb-free" and "PVCless" marking on inner and outer carton label.		Part numbers are changed Add "RoHS" marking on outer carton label.
MSL (IPC/JEDEC J-STD-020)		Not Applicable		

Information about "China RoHS 2"

ELECTRIC DOUBLE LAYER CAPACITORS

Type	Hazardous Substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (CrVI)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
J	○	○	○	○	○	○

This table is prepared in accordance with the provision of SJ/T 11364.
○ : the amount of the hazardous substance indicated inside the homogeneous materials used for this part is below the limit requirement of GB/T 26572
× : the amount of the hazardous substance indicated inside at least one of the homogeneous materials used for this part is above the limit requirement of GB/T 26572