

Certificate of Compliance – RoHS

P/N: Sannohm & Sanyo-OHM
 All products, both SMD and Through-hole

This letter is to certify that all S-P International's Sannohm & Sanyo-OHM resistors, both SMD type and through-hole type, (manufactured for S-P International by Viking, Max Quality, Synton-Tech, First-Ohm, Kamaya and Ralec) are fully RoHS / RoHS 2 / RoHS 3 compliant with RoHS Directives 2002/95/EC, 2011/65/EU & (EU)2015/863.

Restricted Substance	Abbreviation	Maximum concentration in homogeneous material
Lead	Pb	0.1% by weight (1,000 ppm)
Mercury	Hg	0.1% by weight (1,000 ppm)
Cadmium	Cd	0.01% by weight (100 ppm)
Hexavalent chromium	Cr ⁶⁺	0.1% by weight (1,000 ppm)
Polybrominated biphenyls	PBB	0.1% by weight (1,000 ppm)
Polybrominated diphenyl ethers	PBDE	0.1% by weight (1,000 ppm)
Bis(2-ethylhexyl) phthalate	DEHP	0.1% by weight (1,000 ppm)
Butyl benzyl phthalate	BBP	0.1% by weight (1,000 ppm)
Bibutyl phthalate	DBP	0.1% by weight (1,000 ppm)
Diisobutyl phthalate	DIBP	0.1% by weight (1,000 ppm)

This document also certifies that the materials declaration provided by Viking, Max Quality, Synton-Tech, First Ohm, Kamaya, and S-P International are accurate. Approval testing for all products is conducted by a third parts testing facility. All S-P International Sannohm and Sanyo-OHM resistors are fully RoHS Compliant without exemption for all through-hole parts. Please note that for the SMD "RC" Series, parts are compliant under exemption 2015/863, 7(C)-I for lead (Pb).



Arthur (A.J.) Baier
 Director of Quality Control & Compliance

August 18, 2022

Date

Certificate of Compliance – RoHS

P/N: S-P International Sanyo-CAP products
 All Through-Hole and SMD Components

This letter is to certify that all S-P International's Sanyo-CAP ceramic capacitors (manufactured for S-P International by Universe Condenser, Success Electronics and Walsin/Pan Overseas) are fully RoHS / RoHS 2 / RoHS 3 compliant with RoHS Directives 2002/95/EC, 2011/65/EU & (EU)2015/863.

Restricted Substance	Abbreviation	Maximum concentration in homogeneous material
Lead	Pb	0.1% by weight (1,000 ppm)
Mercury	Hg	0.1% by weight (1,000 ppm)
Cadmium	Cd	0.01% by weight (100 ppm)
Hexavalent chromium	Cr ⁶⁺	0.1% by weight (1,000 ppm)
Polybrominated biphenyls	PBB	0.1% by weight (1,000 ppm)
Polybrominated diphenyl ethers	PBDE	0.1% by weight (1,000 ppm)
Bis(2-ethylhexyl) phthalate	DEHP	0.1% by weight (1,000 ppm)
Butyl benzyl phthalate	BBP	0.1% by weight (1,000 ppm)
Bibutyl phthalate	DBP	0.1% by weight (1,000 ppm)
Diisobutyl phthalate	DIBP	0.1% by weight (1,000 ppm)

This document also certifies that the materials declaration provided by Universe Condenser, Success Electronics, Walsin/Pan Overseas and S-P International are accurate. Approval testing for all products is conducted by a third parts testing facility. All SPI Sanyo-CAP ceramic capacitors are fully RoHS Compliant without exemption.



Arthur (A.J.) Baier
 Director of Quality Control & Compliance

August 18, 2022

Date