

Certificate of Compliance [RoHS Directive]

We certify that the following products supplied to your company comply with the RoHS Directive and meet the standard of the restricted substances as below.

*RoHS Directive : 2011/65/EU, (EU) 2015/863

Crystal Resonator		
Model :	DSX1210A	DSX1612S
	DSX211SH	DSX221SH
	DSX1612SL	DSX211A/AL
	DSX321SL	DSX531S
		DSX211S
		DSX321SH

Concentration of the Restricted Substances:

Substance name	Concentration (ppm)
Cadmium and its compounds	Less than 100ppm
Lead and its compounds	Less than 1,000ppm
Mercury and its compounds	Less than 1,000ppm
Chromium (VI) compounds	Less than 1,000ppm
Polybrominated biphenyls (PBBs)	Less than 1,000ppm
Polybrominated diphenyl ethers (PBDEs)	Less than 1,000ppm
Bis(2-ethylhexyl) phthalate (DEHP)	Less than 1,000ppm
Butyl benzyl phthalate (BBP)	Less than 1,000ppm
Dibutyl phthalate (DBP)	Less than 1,000ppm
Diisobutyl phthalate (DIBP)	Less than 1,000ppm

Note : The above concentrations are values in each homogeneous material, which have been calculated based on the raw material suppliers' SDS, composition list and analysis report.

Sincerely yours,



Hideki Otsuka

Section Manager of General Affairs Dept.