

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 (including the application of RoHS exemption).

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

Crystal Resonator			
Model :	DSX210GE	DSX211G	DSX320GE
	DSX321GK	DSX530GA	DSX321G
	DSX210G	DSX220G	DSX221G
	DSX530GK	DSX840GT	DSX320G

Concentration of the Restricted Substances:

Substance name	Maximum Concentration (ppm)	Exemptions	Application area	Purpose of use
Cadmium and its Compounds	Less than 100ppm	-		
Lead and its Compounds	850,000ppm	7(c)-I Electrical and electronic components containing lead in a glass matrix compound	Lid (Sealing glass)	Low melting Filler
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.