

January 12, 2011

Certificate of Compliance [RoHS Directive]

We certify that the following part complies with the RoHS Directive (2002/95/EC) and show the concentration of the restricted substances in the part as below.

Product Name: **Crystal Resonator DSX321G**

Concentration of the Restricted Substances:

Substance name	Concentration* (ppm)	Application area	Purpose of use	Exemptions
Cadmium and its compounds	Less than 100ppm			
Lead and its compounds	770,000	Sealing glass of Lid	Low melting	Electrical and electronic components containing lead in a glass matrix compound
Mercury and its compounds	Less than 1,000ppm			
Chromium (VI) and its compounds	Less than 1,000ppm			
PBB	Less than 1,000ppm			
PBDE	Less than 1,000ppm			

* The above concentrations are values in each homogeneous material, which have been calculated based on the raw material suppliers' MSDS and composition list.

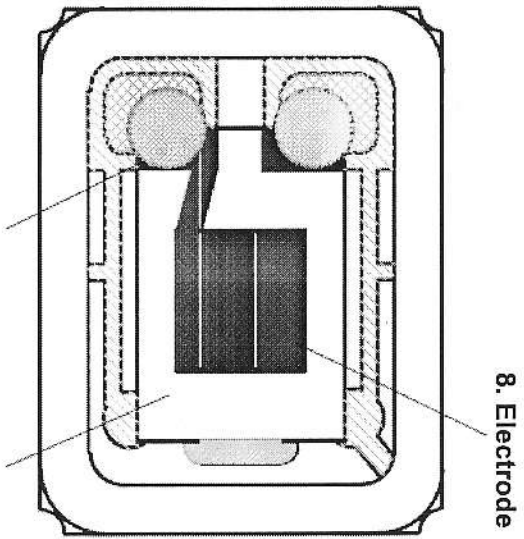
Sincerely yours,

K. Nakazawa

 Kenji Nakazawa
 General Manager of Quality Assurance Div.
 DAISHINKU CORP.

水晶振動子 DSX321G シリーズ
Crystal Resonator DSX321G series

<INSIDE STRUCTURE>
内部構造



8. Electrode

6. Lid (Ceramic)

9. Adhesive

1. Crystal blank

7. Lid (Sealing glass)

⇒ Pb and its compounds are included
which is applicable to RoHS exemption.

2~5. Base

(Ceramic/Electric conductor/
Ni plating/ Au plating)

