

## Certificate of Compliance with RoHS Directive

TDK Corporation (including its subsidiaries) certifies that the following product(s) delivered directly by us to you, is(are) in compliance with the Directive 2011/65/EU of the European Parliament and of the Council of 8 June, 2011 on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment ("RoHS" Directive) prohibiting the use of cadmium and its compounds, lead and its compounds, hexavalent chromium compounds, mercury and its compounds and Specific bromine flame retardant (PBB, PBDE).

### **TDK Product Name: Multilayer Ceramic Chip Capacitors**

#### **C Series Commercial Grade Open Mode**

| Name        | Materials   |         | Analysis Result |             |             |               |              |               |
|-------------|-------------|---------|-----------------|-------------|-------------|---------------|--------------|---------------|
|             | Class 1     | Class 2 | Cd<br><0.01%    | Pb<br><0.1% | Hg<br><0.1% | Cr6+<br><0.1% | PBB<br><0.1% | PBDE<br><0.1% |
| Dielectric  | CaZrO3      | BaTiO3  | BDL             | BDL         | BDL         | BDL           | BDL          | BDL           |
| Electrode   | Nickel (Ni) |         | BDL             | BDL         | BDL         | BDL           | BDL          | BDL           |
| Termination | Copper (Cu) |         | BDL             | BDL         | BDL         | BDL           | BDL          | BDL           |
|             | Nickel (Ni) |         | BDL             | BDL         | BDL         | BDL           | BDL          | BDL           |
|             | Tin (Sn)    |         | BDL             | BDL         | BDL         | BDL           | BDL          | BDL           |

**BDL: Below detection limit**

#### **RoHS exemption information:**

Used (Substance Name (CAS No.) / Concentration (Wt%) / Subpart where used / Exemption Clauses)

Not Used

The European Commission Delegated Directive (EU)2015/863 of 4 June, 2015 on the inclusion of specified phthalates (DEHP, BBP, DBP, DIBP) as restricted substances to the RoHS Directive which restriction provisions will be applicable beginning on 22 July 2019.

#### **Information on the use of the specified phthalates (DEHP, BBP, DBP, DIBP):**

Used (Substance Name (CAS No.) / Concentration (Wt%) / Subpart where used)

Not Used or Not Contained

Sincerely yours

**Authorized signatory for TDK Corporation**



Signature of Dept./Environmental Manager

Name: Taisuke Ahiko

Position: Deputy General Manager

Department: Ceramic Capacitor Quality Assurance