

Certificate of RoHS Compliance

We certify that the products listed below are in compliance with the RoHS DIRECTIVE*¹ in EU.

Products List (Symbol * is any single character)

ECAS*****

(EX.) Murata Part NO. System

E	C	A	S														
①	②	③	④	⑤	⑥	⑦	⑧										
① Series name	② L/W/T Dimensions	③ DC Rated Voltage	④ Nominal Capacitance	⑤ Capacitance Tolerance	⑥ ESR	⑦ Packaging Code	⑧ Murata Specification Code										

*1 RoHS Directive:

DIRECTIVE 2011/65/EU and DIRECTIVE 2015/863/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

*2 RoHS Compliant Status-->

- Compliant : It is contained RoHS restriction substance of over threshold value with RoHS Exemption*³ applicable use or less than threshold value.
- Not Compliant : It is contained some RoHS restriction substance of over threshold value without RoHS exemption.

*3 RoHS Exemption:

ANNEX III of RoHS DIRECTIVE ; "Applications exempted from the restriction in Article 4(1)"

*4 RoHS restriction substance status-->

- Contained : In at least one homogeneous material, the content of non-cadmium is higher than 1000ppm per homogeneous material(in case of cadmium content, higher than 100ppm).
- Not Contained : In all homogeneous materials, the content of non-cadmium is up to 1000ppm per homogeneous material (in case of cadmium content, up to 100ppm).

RoHS restriction substance

Substance	Status
Lead and its compounds	Not Contained
Mercury and its compounds	Not Contained
Hexavalent Chromium	Not Contained
Cadmium and its compounds	Not Contained
Polybrominated biphenyls(PBBs)	Not Contained
Polybrominated diphenyls ethers(PBDEs)	Not Contained
Di-2-ethylhexyl phthalate(DEHP)	Not Contained
Butyl benzyl phthalate(BBP)	Not Contained
Phthalate -n- butyl(DBP)	Not Contained
Diisobutyl phthalate(DIBP)	Not Contained

Signature : 

Name : Yoshitsugu Morita

Company : Murata MFG. Co., Ltd