

To: - (via: -)

## RoHS Certificate


We certify that the products listed below are in compliance with the RoHS DIRECTIVE\*1 in EU containing COMMISSION DELEGATED DIRECTIVE (EU) 2015/863\*2.

\*1 RoHS DIRECTIVE:

DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 08 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, and delegated directives amending RoHS Annexes.

\*2 COMMISSION DELEGATED DIRECTIVE (EU) 2015/863:

COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances.

Signature :   
 Name: Hidetoshi Nakagawa  
 Title: General Manager  
 Company: Murata MFG .Co., Ltd  
 Date (yyyy/mm/dd) 2019/08/26

### - Product List -

\*3 RoHS Compliant Status:

- Compliant : Content Status<sup>4</sup> of all restricted substances<sup>5</sup> are "Not Contain" or "Contained [Exemption]".
- Not Compliant : Content Status of at least one restricted substances is "Contained" without RoHS exemption<sup>6</sup>.

\*4 Content 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).

\*5 Restricted substances:

Substance designated by "Restricted substances referred to in Article 4(1) and maximum concentration values tolerated by weight in homogeneous materials" in RoHS DIRECTIVE Annex II containing COMMISSION DELEGATED DIRECTIVE (EU) 2015/863.

\*6 RoHS Exemption:

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

Customer Part Number	Murata Part Number	RoHS <sup>3</sup> Compliant Status	Lead <sup>4</sup>	Mercury <sup>4</sup>	Cadmium <sup>4</sup>	Hexavalent Chromium <sup>4</sup>	PBB <sup>4</sup>	PBDE <sup>4</sup>	DEHP <sup>4</sup>	BBP <sup>4</sup>	DBP <sup>4</sup>	DIBP <sup>4</sup>
	Chip Ferrite Bead	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	Chip Common Mode Choke Coil	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	Microchip Transformer	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	Block Type EMIFIL	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	BL series	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	DL series / PLT10 series	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	DX series	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
	BNX02 series	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

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