

# RoHS Certificate

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

\*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

Signature: Walter Huck  
Name: Walter Huck  
Title: General Manager Quality & Environment, Europe  
Company: Murata Europe  
Date (yyyy/mm/dd) 2018/01/29

## - Product List -

- \*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).

Customer Part Number	Murata Part Number	RoHS <sup>*2</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>
BL01RN1A1F1J	BL01RN1A1F1J	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BL02RN2R1M2B	BL02RN2R1M2B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BL02RN2R1N1A	BL02RN2R1N1A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM18EG221SN1D	BLM18EG221SN1D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM18PG121SN1D	BLM18PG121SN1D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM21PG221SN1D	BLM21PG221SN1D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM21PG600SN1D	BLM21PG600SN1D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM31PG121SN1L	BLM31PG121SN1L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM31PG500SN1L	BLM31PG500SN1L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM31PG601SN1L	BLM31PG601SN1L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BLM41PG750SN1L	BLM41PG750SN1L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BNX002-01	BNX002-01	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BNX022-01L	BNX022-01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
BNX024H01L	BNX024H01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
CSTCE8M00G55-R0	CSTCE8M00G55-R0	Compliant	Contained [Exemption] 7(c)-I	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DE1E3KX332MA5B	DE1E3KX332MA5B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
-We would appreciate it if you would not disclose this document to any 3rd party.  
-This document is based on our best knowledge of the date of issue.  
GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>*2</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>
DE1E3KX392MA5BA01	DE1E3KX392MA5BA01	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DE2E3KH222MA3B	DE2E3KH222MA3B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DE2E3KY222MN2AM01	DE2E3KY222MN2AM01	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DE2E3KY332MA2BM01	DE2E3KY332MA2BM01	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBB33A221KC1B	DEBB33A221KC1B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBB33A221KP2A	DEBB33A221KP2A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBB33A471KC1B	DEBB33A471KC1B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBB33D221KC1B	DEBB33D221KC1B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBB33D221KP2A	DEBB33D221KP2A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBB33F101KP3A	DEBB33F101KP3A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEBE33A102ZP2A	DEBE33A102ZP2A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DEC1X3J220JC4B	DEC1X3J220JC4B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DECE33J222ZC4B	DECE33J222ZC4B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DHR4E4A102K2BB	DHR4E4A102K2BB	Compliant	Contained [Exemption] 7(c)-II	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DHR4E4C102K2FB	DHR4E4C102K2FB	Compliant	Contained [Exemption] 7(c)-II	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DHRB34A471M1CB	DHRB34A471M1CB	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DHRB34C102M2FB	DHRB34C102M2FB	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DHRB34C221M1FB	DHRB34C221M1FB	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DHRE4AD222Z4QB	DHRE4AD222Z4QB	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DLW43SH510XK2L	DLW43SH510XK2L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DLW44SN242SK2L	DLW44SN242SK2L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DLW5BSN191SQ2B	DLW5BSN191SQ2B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DLW5BSN351SQ2L	DLW5BSN351SQ2L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DLW5BTN251SQ2L	DLW5BTN251SQ2L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DLW5BTN501SQ2L	DLW5BTN501SQ2L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DSS6NE52A222Q55B	DSS6NE52A222Q55B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
DSS6NZ82A103Q55B	DSS6NZ82A103Q55B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GCM188R71C105KA64D	GCM188R71C105KA64D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
GCM188R71H104KA43D	GCM188R71H104KA43D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GCM188R71H224KA64D	GCM188R71H224KA64D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GCM2195C1H103JA16D	GCM2195C1H103JA16D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GCM21BR70J106KE22L	GCM21BR70J106KE22L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GCM21BR71C475KA73L	GCM21BR71C475KA73L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GCM21BR72A104KA37L	GCM21BR72A104KA37L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GQM1885C2A4R7BB01D	GQM1885C2A4R7BB01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GQM1885C2A6R2CB01D	GQM1885C2A6R2CB01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM0335C1H100JA01D	GRM0335C1H100JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM0335C1H5R0BA01D	GRM0335C1H5R0BA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM033R60J104KE19D	GRM033R60J104KE19D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM033R71E102KA01D	GRM033R71E102KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H100GA01D	GRM1555C1H100GA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H101JA01J	GRM1555C1H101JA01J	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H120FA01D	GRM1555C1H120FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H180JA01D	GRM1555C1H180JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H1R2BA01D	GRM1555C1H1R2BA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H220FA01D	GRM1555C1H220FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H221JA01D	GRM1555C1H221JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H330FA01D	GRM1555C1H330FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H331JA01D	GRM1555C1H331JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H360JA01D	GRM1555C1H360JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H5R6BA01D	GRM1555C1H5R6BA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H680GA01D	GRM1555C1H680GA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H751JA01D	GRM1555C1H751JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1555C1H910JA01D	GRM1555C1H910JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1557U1A132JA01D	GRM1557U1A132JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R60J475ME47D	GRM155R60J475ME47D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R60J475ME87D	GRM155R60J475ME87D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
GRM155R61A105KE15J	GRM155R61A105KE15J	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R61A154KE19D	GRM155R61A154KE19D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R61A184KE19D	GRM155R61A184KE19D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R61A224KE19D	GRM155R61A224KE19D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R61A274KE15D	GRM155R61A274KE15D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R61C105KA12D	GRM155R61C105KA12D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R62A104KE14D	GRM155R62A104KE14D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71A104KA01D	GRM155R71A104KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71A563KA01D	GRM155R71A563KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71C563KA88D	GRM155R71C563KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71E103KA01D	GRM155R71E103KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71E333KA88D	GRM155R71E333KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H103KA88D	GRM155R71H103KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H104KE14D	GRM155R71H104KE14D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H152KA01D	GRM155R71H152KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H153KA12J	GRM155R71H153KA12J	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H222KA01D	GRM155R71H222KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H392KA01D	GRM155R71H392KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H472KA01D	GRM155R71H472KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H563KE14D	GRM155R71H563KE14D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H682KA88D	GRM155R71H682KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM155R71H822KA88D	GRM155R71H822KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H100JA01D	GRM1885C1H100JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H121JA01D	GRM1885C1H121JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H152JA01D	GRM1885C1H152JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H180JA01D	GRM1885C1H180JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H181FA01D	GRM1885C1H181FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H220JA01D	GRM1885C1H220JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H221FA01D	GRM1885C1H221FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
GRM1885C1H221JA01D	GRM1885C1H221JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H222JA01D	GRM1885C1H222JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H330JA01D	GRM1885C1H330JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H331JA01D	GRM1885C1H331JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H3R0CZ01D	GRM1885C1H3R0CZ01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H680JA01D	GRM1885C1H680JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H681JA01D	GRM1885C1H681JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H751JA01D	GRM1885C1H751JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C1H751JA01D	GRM1885C1H751JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C2A101JA01D	GRM1885C2A101JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM1885C2A102JA01D	GRM1885C2A102JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188F51H104ZA01D	GRM188F51H104ZA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R60J226MEA0D	GRM188R60J226MEA0D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61A106KE69D	GRM188R61A106KE69D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61A335KE15D	GRM188R61A335KE15D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61A475KE15D	GRM188R61A475KE15D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61C106MAALD	GRM188R61C106MAALD	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61C106MAALD	GRM188R61C106MAALD	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61C225KE15D	GRM188R61C225KE15D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61E106MA73D	GRM188R61E106MA73D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R61E106MA73D	GRM188R61E106MA73D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71A105KA61D	GRM188R71A105KA61D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71A105KA61D	GRM188R71A105KA61D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71A225KE15D	GRM188R71A225KE15D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71C104KA01D	GRM188R71C104KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71C474KA88D	GRM188R71C474KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71E224KA88D	GRM188R71E224KA88D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71H103KA01D	GRM188R71H103KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71H104KA93D	GRM188R71H104KA93D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
GRM188R71H223KA01D	GRM188R71H223KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71H473KA61D	GRM188R71H473KA61D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM188R71H562KA01D	GRM188R71H562KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2165C1H181JA01D	GRM2165C1H181JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2165C1H222FA01D	GRM2165C1H222FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2165C1H332JA01D	GRM2165C1H332JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2165C2A101JA01D	GRM2165C2A101JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2165C2A471JA01D	GRM2165C2A471JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM216R71H332KA01D	GRM216R71H332KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2195C1H152FA01D	GRM2195C1H152FA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM2195C1H682JA01D	GRM2195C1H682JA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM219R61E106KA12D	GRM219R61E106KA12D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM219R71H333KA01D	GRM219R71H333KA01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BF51A225ZA01L	GRM21BF51A225ZA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BF51C105ZA01L	GRM21BF51C105ZA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BF51H224ZA01L	GRM21BF51H224ZA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR60J107ME15	GRM21BR60J107ME15L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR60J225KA01L	GRM21BR60J225KA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR60J476ME15L	GRM21BR60J476ME15L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR61A106ME19L	GRM21BR61A106ME19L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR61C106KE15L	GRM21BR61C106KE15L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR61E106KA73L	GRM21BR61E106KA73L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR61E226ME44L	GRM21BR61E226ME44L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR71A106KE51L	GRM21BR71A106KE51L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR71E684KA88L	GRM21BR71E684KA88L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR71H104KA01L	GRM21BR71H104KA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR71H105KA12L	GRM21BR71H105KA12L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM21BR72A474KA73L	GRM21BR72A474KA73L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM319R61E106KA12D	GRM319R61E106KA12D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
GRM319R6YA106KA12D	GRM319R6YA106KA12D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31A5C2J101JW01D	GRM31A5C2J101JW01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31BR72J152KW01L	GRM31BR72J152KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR60J107ME39K	GRM31CR60J107ME39K	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR60J227ME11	GRM31CR60J227ME11L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR61C226KE15K	GRM31CR61C226KE15K	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR61E226KE15L	GRM31CR61E226KE15L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR61H106KA12L	GRM31CR61H106KA12L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR71E106KA12L	GRM31CR71E106KA12L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR71H475KA12L	GRM31CR71H475KA12L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR72A105KA01L	GRM31CR72A105KA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR72A225KA73L	GRM31CR72A225KA73L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM31CR72E473KW03L	GRM31CR72E473KW03L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32DF51H106ZA01L	GRM32DF51H106ZA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32DF51H106ZA01L	GRM32DF51H106ZA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32DR61E106KA12L	GRM32DR61E106KA12L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32DR72E224KW01L	GRM32DR72E224KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32EC81C476KE15L	GRM32EC81C476KE15L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32ER61C476KE15K	GRM32ER61C476KE15K	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32ER61C476KE15L	GRM32ER61C476KE15L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32ER71C226KEA8L	GRM32ER71C226KEA8L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32ER71H106KA12L	GRM32ER71H106KA12L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM32ER72A105KA01L	GRM32ER72A105KA01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM43DR72E474KW01L	GRM43DR72E474KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM55DR72E105KW01L	GRM55DR72E105KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM55DR72J154KW01L	GRM55DR72J154KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM55DR72J154KW01L	GRM55DR72J154KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM55DR72J224KW01L	GRM55DR72J224KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
GRM55DR73A104KW01L	GRM55DR73A104KW01L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
GRT155R61E225KE13D	GRT155R61E225KE13D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
KRM55WR71J226MH01K	KRM55WR71J226MH01K	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH31CN100K03L	LQH31CN100K03L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN100K33L	LQH32CN100K33L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN101K23L	LQH32CN101K23L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN101K53L	LQH32CN101K53L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN221K23L	LQH32CN221K23L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN330K53L	LQH32CN330K53L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN470K53L	LQH32CN470K53L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32CN471K23L	LQH32CN471K23L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH32MN221K23L	LQH32MN221K23L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQH43MN102J03L	LQH43MN102J03L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LQM21FN100M80L	LQM21FN100M80L	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LXES11DAA2-135	LXES11DAA2-135	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
LXMS33HCNG-134	LXMS33HCNG-134	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NCP15WB473F03RC	NCP15WB473F03RC	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NCP18XH103F03RB	NCP18XH103F03RB	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NFL18ST307X1C3D	NFL18ST307X1C3D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NFL21SP106X1C3D	NFL21SP106X1C3D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NFM18CC223R1C3D	NFM18CC223R1C3D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NFM21PC105B1C3D	NFM21PC105B1C3D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
NTPAD8R0LDNB0	NTPAD8R0LDNB0	Compliant	Contained [Exemption] 7(c)-I	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
PV36W101C01B00	PV36W101C01B00	Compliant	Contained [Exemption] 7(c)-I 6(c)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
PV37W103C01B00	PV37W103C01B00	Compliant	Contained [Exemption] 6(c) 7(c)-I	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RCER71H105K2K1H03B	RCER71H105K2K1H03B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RCER71H106MWK1H03B	RCER71H106MWK1H03B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RCER71H335K3M1H03A	RCER71H335K3M1H03A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>2</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>
RCER72A474K2K1H03B	RCER72A474K2K1H03B	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RDE152-901C0G330J100M6084X100	RDE5C2A330J0M1C03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPE5C2A151J2M1A03A	RPE5C2A151J2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPE5C2A152J2M1A03A	RPE5C2A152J2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPE5C2A221J2S1A03A	RPE5C2A221J2S1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPE5C2A331J2S1A03A	RPE5C2A331J2S1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPE5C2A471J2M1A03A	RPE5C2A471J2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPEF51H104Z2K1A03B	RPEF51H104Z2K1A03B	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPEF51H104Z2M1A03A	RPEF51H104Z2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPEF51H224Z2M1A03A	RPEF51H224Z2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H103K2M1A03A	RPER71H103K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H104K2K1A03B	RPER71H104K2K1A03B	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H104K2M1A03A	RPER71H104K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H105K3M1C07A	RPER71H105K3M1C07A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H223K2M1A03A	RPER71H223K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H223K2S1A03A	RPER71H223K2S1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H333K2M1A03A	RPER71H333K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER71H334K2K1C03B	RPER71H334K2K1C03B	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER72A102K2M1A03A	RPER72A102K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER72A103K2M1A03A	RPER72A103K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER72A104K3M1C07A	RPER72A104K3M1C07A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER72A222K2M1A03A	RPER72A222K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

-Please contact our sales office, if you have any questions.  
 -We would appreciate it if you would not disclose this document to any 3rd party.  
 -This document is based on our best knowledge of the date of issue.  
 GON069(Y10)

Customer Part Number	Murata Part Number	RoHS <sup>*2</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>
RPER72A223K2M1A03A	RPER72A223K2M1A03A	Compliant	Contained [Exemption] 7(a)	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
RPER72A473K3M1C07A	RPER72A473K3M1C07A	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
TZR1Z1R5A001R00	TZR1Z1R5A001R00	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
TZV2Z2R5A110R00	TZV2Z2R5A110R00	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
XRCGB27M120F2P00R0	XRCGB27M120F2P00R0	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained
ZRB15XR61A475ME01D	ZRB15XR61A475ME01D	Compliant	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained	Not Contained

The remainder of this page is intentionally left blank.