



## Certificate for RoHS Compliant Products

Bourns, Inc. certifies, as of this date, the products listed below (“Products”) are designated as conforming to the requirements of the European Union’s Restrictions on use of Certain Hazardous Substances in Electrical and Electronic Equipment Directive, 2011/65/EU (commonly called “RoHS2”) and amendment of Annex II on March 31, 2015, 2015/863.

The information presented is based on Bourns’ understanding of the directives and Bourns’ knowledge of the materials that are used in the Products as of the date of disclosure, which, in some cases, is based on information provided by third parties.

SMF4L series	1.5SMC series	CD214A-RS1x series	CD214C-S3x series
SMAJ series	CD214A-T series	CD214A-S1x series	CD1408 series
SMBJ series	CD214B-T series	CD214B-F series	CD2320 series
SMCJ series	CD214C-T series	CD214B-FSxx series	CDKBP series
SMLJ series	CD214L-T series	CD214B-R series	CDNBS04 series
5.0SMDJ series	CD214A-F series	CD214B-S2x series	SMA6J series
SM8S series	CD214A-FS series	CD214B-S3x series	SMA6J-Q series
P4SMA series	CD214A-R series	CD214C-F series	15KPA-SD series
P6SMB series	CD214A-R12000R series	CD214C-FSxx series	

Restricted Substances	RoHS Maximum Concentration Value (MCV) (ppm)*
Cadmium (Cd)	100
Lead (Pb)	1,000
Mercury (Hg)	1,000
Hexavalent Chromium (Cr +6)	1,000
Polybrominated biphenyls (PBB)	1,000
Polybrominated diphenyl ethers (PBDE)	1,000
Bis(2-ethylhexyl)phthalate (DEHP)	1,000
Butyl benzyl phthalate (BBP)	1,000
Dibutyl phthalate (DBP)	1,000
Diisobutyl phthalate (DIBP)	1,000

\* Maximum limit does not apply to applications covered by RoHS exemptions. MCV is based on homogeneous materials as defined in the RoHS Directive.

Exemptions used (if box is checked):

- 6a. Lead as an alloying element in steel containing up to 0.35% lead by weight
- 6b. Lead as an alloying element in aluminum containing up to 0.4% lead by weight
- 6c. Lead as an alloying element as a copper alloy containing up to 4% lead by weight.
- 7a. Lead in high melting temperature type solders (i.e., lead-based alloys containing more than 85% by weight or more lead).
- 7(c)-I. Electrical & electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors.

Signature

Liam Heading, Product Line Director

Date:

November 12, 2019

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General Information: The information provided herein is to the best of Bourns, Inc. knowledge and belief. To the extent that Bourns is relying on information provided by third parties, Bourns makes no warranty as to the accuracy or completeness of such information.

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