

To Our Customers

Survey report about SVHC 197

We report that our products do not contain any of SVHC 197 (0.1 %wt or more) except the following series as shown in Table-1.

For the other products such as customized capacitors and function modules, please contact us separately.

Our products: Standard capacitors listed in catalogue No. CAT.8100H (English version)/CAT.1000G (Japanese version)
SVHC 197: 197substances published by January 15, 2019 from ECHA (European Chemical Agency) as substances of very high concern (SVHC) in accordance with Article 59 (10) of the REACH Regulation.

Table-1: SVHC 197 contained product list

Type of capacitors	Series	SVHC	CAS No. (Decision No.)	Material name that contains SVHC
Type 1 *	LNR	Bis(2-ethylhexyl) phthalate [DEHP] (※1)	117-81-7 (ED/67/2008)	Sleeve (PVC)
	LNX			
	LNK			
	LNC			
	LQR			
	LNY			
	LNT			
	LNU			
Type 2 **	JJD	Bis(2-ethylhexyl) phthalate [DEHP] (※1)	117-81-7 (ED/67/2008)	Sleeve (PVC)
	JJL			
Type 3 ***	QYX	4,4'-Diaminodiphenylmethane / 4,4'-Methylenedianiline [MDA]	101-77-9 (ED/67/2008)	Coating resin
	EEC (※2)	Dibutyl phthalate [DBP]	84-74-2 (ED/67/2008)	Coating resin
	EEN (※3)			

Type 1 *: Aluminum electrolytic capacitors (Screw terminal type) DEHP is not contained from the product in January 2017.

Type 2 **: Electric double layer capacitors (Screw terminal type) DEHP is not contained from the product in January 2017.

Type 3 ***: Plastic film capacitors

(※1) Production after October 2016 do not contain any of SVHC 197 (0.1%wt or more)

(※2) EEC: DBP is not contained from the product in January 2019 .

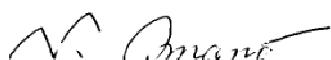
(※3) EEN:Please contact us details.

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Date: March 1, 2019



Signature