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Dear our valued customer;

GM Hori
Quality Assurance Dept.
Murata Manufacturing Co.,Ltd

Investigation results of TSCA (5 substances) in the products

We have investigated contained substances concerning TSCA (Toxic Substances Control Act) in our products.

Our products shown in the appendix do not contain the substances shown in Table 1.

Regarding our products not listed in the appendix, please contact our sales department.

Respectfully yours,

Table 1 Substances

CAS	Substance Name
1163-19-5	Decabromodiphenyl ether (deca BDE)
68937-41-7 26967-76-0	Tris(isopropylphenyl) phosphate (Phosphate of isopropylated phenol (1:3))
732-26-3	2,4,6-Tri-tert-butylphenol
87-68-3	Perchlorobuta-1,3-diene
133-49-3	Pentachlorobenzenethiol

No.	Murata Part Number	Product Category
1	#*1313*	Variable Coils
2	#458*	Transformers/Spritters
3	#617*	Transformers/Spritters/Distributers
4	#844*	Transformers
5	#857*	Transformers
6	#944*	Transformers
7	#A914*	Ferrite Inductors
8	#A915*	Ferrite Inductors
9	#A916*	Ferrite Inductors
10	#A920*	Ferrite Inductors
11	#A921*	Ferrite Inductors
12	#B952*	Ferrite Inductors
13	#B953*	Ferrite Inductors
14	#B966*	Ferrite Inductors
15	?1301*	LF Antenna Coil
16	?1320*	LF Antenna Coil
17	?1342*	Variable Coils
18	1003*	LF Antenna Coil
19	1084*	LF Antenna Coil
20	1085*	LF Antenna Coil
21	1088*	LF Antenna Coil
22	1120*	LF Antenna Coil
23	1133*	LF Antenna Coil
24	1143*	LF Antenna Coil
25	1144*	LF Antenna Coil
26	1211EA*	Inductors
27	1217*	Ferrite Inductors
28	1225*	Ferrite Inductors
29	1226*	Ferrite Inductors
30	1227*	Ferrite Inductors
31	1231*	Ferrite Inductors
32	1235*	Ferrite Inductors
33	1239*	Metal Alloy Inductors
34	1248*	Ferrite Inductors
35	1253*	Ferrite Inductors
36	1255*	Ferrite Inductors
37	1259CM*	Common Mode Choke
38	1264*	Ferrite Inductors
39	1267*	Ferrite Inductors
40	1269*	Metal Alloy Inductors
41	1273*	Ferrite Inductors
42	1274*	Ferrite Inductors
43	1276*	Metal Alloy Inductors
44	1277*	Metal Alloy Inductors
45	1285*	Metal Alloy Inductors
46	1286*	Metal Alloy Inductors
47	1335*	LF Antenna Coil
48	1345*	LF Antenna Coil
49	1372*	LF Antenna Coil
50	93MC?????????	Mos Capacitor
51	945*	LF Antenna Coil
52	ARC*	HIC
53	B1047*	Ferrite Inductors
54	B5RC*	R-NETWORK
55	B6RC*	R-NETWORK
56	B7ZC*	R-NETWORK
57	B8XC*	R-NETWORK
58	B9HC*	R-NETWORK
59	BACT*	Small Lithium ion secondary Battery
60	BL0*	Ferrite Beads Inductor
61	BLA*	Chip Ferrite Bead
62	BLE*	Chip Ferrite Bead
63	BLF*	Noise filter
64	BLF*	Chip Ferrite Bead
65	BLH*	Noise filter
66	BLL*	Lead Type EMIFIL
67	BLM*	Chip Ferrite Bead
68	BLT*	Chip Ferrite Bead
69	BNX*	Block Type EMIFIL
70	CE*	Isolator
71	CH???	MMIC
72	CL*	THIN FILM CIRCUIT SUBSTRATE AND HIGH FREQUENCY SINGLE LAYER MICROCHIP CAPACITORS
73	CNTL*	C-MODULE
74	CR*	Micro Battery Type for Coin Manganese Dioxide Lithium Batteries
75	CSACM*G*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
76	CSACN*G*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
77	CSALS*X*	Cermic Resonators MHz Type for Consumer (NRND Products)
78	CSTCC*G*	Chip Cermic Resonators MHz Type for Consumer (NRND Products)

No.	Murata Part Number	Product Category
79	CSTCC*G*A*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
80	CSTCE*G*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
81	CSTCE*G*A*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
82	CSTCE*G*C*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
83	CSTCE*G*L*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
84	CSTCE*V*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
85	CSTCE*V*A*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
86	CSTCE*V*C*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
87	CSTCE*V*L*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
88	CSTCG*V*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
89	CSTCR*G*	Chip Cermic Resonators MHz Type for Consumer
90	CSTCR*G*A*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
91	CSTCR*G*B*	Chip Cermic Resonators MHz Type for Automotive
92	CSTCR*G*C*	Chip Cermic Resonators MHz Type for Automotive (NRND Products)
93	CSTCR*G*L*	Chip Cermic Resonators MHz Type for Consumer (EOL Products)
94	CSTLF*X*	Cermic Resonators MHz Type for Consumer (EOL Products)
95	CSTLS*G*	Cermic Resonators MHz Type for Consumer
96	CSTLS*X*	Cermic Resonators MHz Type for Consumer
97	CSTNE*G*C*	Chip Cermic Resonators MHz Type for Automotive
98	CSTNE*G*L*	Chip Cermic Resonators MHz Type for Consumer
99	CSTNE*V*C*	Chip Cermic Resonators MHz Type for Automotive
100	CSTNE*V*L*	Chip Cermic Resonators MHz Type for Consumer
101	CSTNR*G*C*	Chip Cermic Resonators MHz Type for Automotive
102	CSTNR*G*L*	Chip Cermic Resonators MHz Type for Consumer
103	DC*	Ceramic Capacitor
104	DD*	Ceramic Capacitor
105	DD1277*	Metal Alloy Inductors
106	DE*	Ceramic Capacitor
107	DEM8045Z*	Ferrite Inductors
108	DF*	Dielectric filter
109	DFE1*	Metal Alloy Inductors
110	DFE2*	Metal Alloy Inductors
111	DFE3*	Metal Alloy Inductors
112	DFEG*	Metal Alloy Inductors
113	DFEH*	Metal Alloy Inductors
114	DFL*	Metal Alloy Inductors
115	DH*	Ceramic Capacitor
116	DH???	MMIC
117	DK*	Ceramic Capacitor
118	DLM*	Chip Common Mode Choke Coil
119	DLP*	Chip Common Mode Choke Coil
120	DLW*	Common Mode Choke Coil
121	DSN*	Lead Type EMIFIL
122	DSS*	Lead Type EMIFIL
123	DST*	Lead Type EMIFIL
124	DXP*	Microchip Transformer
125	DXW*	Microchip Transformer
126	EA*	Microwave Absorbers
127	ECASD4*	Polymer Capacitor
128	ECASD6*	Polymer Capacitor
129	ECASD9*	Polymer Capacitor
130	ECNSB4*	Polymer Capacitor
131	FCUL*	Metal Alloy Inductors
132	FDA*	Metal Alloy Inductors
133	FDS*	Metal Alloy Inductors
134	FDU*	Metal Alloy Inductors
135	FDUE*	Metal Alloy Inductors
136	FDV*	Metal Alloy Inductors
137	FDVE*	Metal Alloy Inductors
138	FLAN*	NFC Antenna
139	FM*	Film Sensor Module
140	FSLB*	Inductors
141	FSLM*	Inductors
142	FSM*	Ferrite Core
143	FSR*	Ferrite Core
144	FSS*	Ferrite Core
145	G2J*	Ceramic Capacitor
146	G4J*	Ceramic Capacitor
147	G6J*	Ceramic Capacitor
148	G7J*	Ceramic Capacitor
149	GA*	Ceramic Capacitor
150	GB*	Ceramic Capacitor
151	GC*	Ceramic Capacitor
152	GD*	Ceramic Capacitor
153	GG*	Ceramic Capacitor
154	GJ*	Ceramic Capacitor
155	GM*	Ceramic Capacitor
156	GQ*	Ceramic Capacitor

No.	Murata Part Number	Product Category
157	GR*	Ceramic Capacitor
158	GW*	Ceramic Capacitor
159	GX*	Ceramic Capacitor
160	H8B*	HIC
161	H8D*	HIC
162	H8L*	HIC
163	H8P*	HIC
164	HEAWS*	Inductors
165	HFP*	DC CONVERTOR
166	KA*	Ceramic Capacitor
167	KC*	Ceramic Capacitor
168	KR*	Ceramic Capacitor
169	LA*	CERAMIC MULTILAYER FUNCTIONAL SUBSTRATES(WITHOUT MODULE ASSEMBLY)
170	LDB*	Chip Multilayer Hybrid Balun
171	LDC*	Chip Multilayer Hybrid Coupler
172	LDD*	Chip Multilayer Hybrid Divider
173	LDE*	Chip Multilayer Dual Line
174	LDF*	Chip Multilayer Functional Device
175	LDH*	Chip Multilayer Delayline
176	LDJ*	Chip Multilayer Hybrid Coupler
177	LDM*	Chip Multilayer Hybrid Balun
178	LFB*	Chip Multilayer LC Filter
179	LFD*	Chip Multilayer Diplexer/Triplexer
180	LFE*	Chip Multilayer LC Filter
181	LFG*	Chip Multilayer GIGAFIL
182	LFH*	Chip Multilayer LC Filter
183	LFL*	Chip Multilayer LC Filter
184	LFP*	Chip Multilayer LC Filter
185	LG*	MATERIALS FOR LFC SUBSTRATES
186	LL*	Ceramic Capacitor
187	LL1608-FHL*	Inductors
188	LL1608-FSL*	Inductors
189	LL2012-FHL*	Inductors
190	LLM3225*	Inductors
191	LQB*	Chip Inductor
192	LQF*	Chip Inductor
193	LQG*	Chip Inductor
194	LQH*	Chip Inductor
195	LQM*	Chip Inductor
196	LQP*	Chip Inductor
197	LQR*	Chip Common Mode Choke Coil
198	LQW*	Chip Inductor
199	LR*	LOW TEMPERATURE FIREABLE CERAMIC MULTILAYER SUBSTRATES(WITHOUT MODULE ASSEMBLY)
200	LR*	Micro Battery Type for Alkaline Manganese Batteries
201	LXDC*	Micro DCDC Convertor
202	LXES*A*	ESD Protection Device
203	LXES*D*	Common Mode ESD Filter
204	LXES??T??-???	TVS Diode
205	LXMS*	RFID Tag
206	LXPC*	Parasitic Element Coupling Devise
207	LXRW?????-???	Variable Capacitors
208	LXTB*	RFID Tag
209	M1*	Connector
210	MBH*	Ferrite Inductors
211	MD?????-???	MMID
212	MDH*	Ferrite Inductors
213	MDT*	Inductors
214	MF?????-?????	MMIC
215	MHM*	IONIZOR
216	MHR*	HV-RESISTOR
217	MM*	Connector
218	MPA*	POWER SUPPLY
219	MPD*	DC CONVERTOR
220	MPF99*	POWER SUPPLY
221	MPL*	POWER SUPPLY
222	MSA*	LF Antenna Coil
223	MX*	Connector
224	MYB*	DC CONVERTOR
225	MYC*	DC CONVERTOR
226	MYD*	DC CONVERTOR
227	MYG*	DC CONVERTOR
228	MYL*	DC CONVERTOR
229	MYM*	DC CONVERTOR
230	MYP*	DC CONVERTOR
231	MYR*	DC CONVERTOR
232	MYS*	DC CONVERTOR
233	MYT*	DC CONVERTOR
234	MYU*	DC CONVERTOR

No.	Murata Part Number	Product Category
235	MYW*	DC CONVERTOR
236	MZB1*	Microblower
237	MZB3*	Microblower
238	MZB4*	Microblower
239	NC*	NTC Thermistor
240	NFA*	EMIFIL (LC Combined)
241	NFE*	Common Mode Choke Coil
242	NFE*	EMIFIL (LC Combined)
243	NFG*	Chip Common Mode Choke Coil
244	NFL*	EMIFIL (LC Combined)
245	NFM*	Ceramic Capacitor
246	NFP*	Noise filter
247	NFR*	EMIFIL
248	NFW*	EMIFIL (LC Combined)
249	NFZ*	Noise filter
250	OKL2-T/12-W12N1-C	DC CONVERTOR
251	OKL2-T/12-W12N2-C	DC CONVERTOR
252	OKL2-T/12-W12N-C	DC CONVERTOR
253	OKL2-T/12-W12P2-C	DC CONVERTOR
254	OKL2-T/12-W5N-C	DC CONVERTOR
255	OKL2-T/12-W5P-C	DC CONVERTOR
256	OKL2-T/20-W12N2-C	DC CONVERTOR
257	OKL2-T/20-W12P2-C	DC CONVERTOR
258	OKL2-T/20-W5N-C	DC CONVERTOR
259	OKL2-T/20-W5P-C	DC CONVERTOR
260	OKL2-T/3-W12N-C	DC CONVERTOR
261	OKL2-T/3-W12P-C	DC CONVERTOR
262	OKL2-T/3-W5N-C	DC CONVERTOR
263	OKL2-T/3-W5P-C	DC CONVERTOR
264	OKL2-T/6-W12N-C	DC CONVERTOR
265	OKL2-T/6-W12P-C	DC CONVERTOR
266	OKL2-T/6-W5N-C	DC CONVERTOR
267	OKL2-T/6-W5P-C	DC CONVERTOR
268	OKL-T/12-W5N-C	DC CONVERTOR
269	OKL-T/12-W5P-C	DC CONVERTOR
270	OKL-T/20-W5N-C	DC CONVERTOR
271	OKL-T/20-W5P-C	DC CONVERTOR
272	OKL-T/3-W12N-C	DC CONVERTOR
273	OKL-T/3-W12P-C	DC CONVERTOR
274	OKL-T/3-W5N-C*	DC CONVERTOR
275	OKL-T/3-W5P-C	DC CONVERTOR
276	OKL-T/6-W12N-C	DC CONVERTOR
277	OKL-T/6-W12P-C*	DC CONVERTOR
278	OKL-T/6-W5N-C*	DC CONVERTOR
279	OKL-T/6-W5P-C	DC CONVERTOR
280	PKB*	Piezoelectric Buzzers
281	PKHPS*	Piezoelectric Sounders
282	PKLCS*	Chip Piezoelectric Sounders
283	PKM*	Piezoelectric Sounders
284	PKMCS*	Chip Piezoelectric Sounders
285	PLT*	Common Mode Choke Coil
286	PRF*	PTC Thermistor
287	PRG*	PTC Thermistor
288	PTFL*	PTC Thermistor
289	PTGL*	PTC Thermistor
290	PTWE*	PTC Thermistor
291	RC*	Ceramic Capacitor
292	RD*	Ceramic Capacitor
293	RGHD*	R-NETWORK
294	RGLD*	R-NETWORK
295	RGLE*	R-NETWORK
296	RGSD*	R-NETWORK
297	RH*	Ceramic Capacitor
298	RP*	Ceramic Capacitor
299	RU*	THIN FILM CIRCUIT SUBSTRATE AND HIGH FREQUENCY SINGLE LAYER MICROCHIP CAPACITORS
300	SA????????????	SAW Components
301	SFEFC*	Chip Ceramic Filters (NRND Products)
302	SFECK*	Chip Ceramic Filters (NRND Products)
303	SFEVC*	Chip Ceramic Filters (NRND Products)
304	SFSKB*	Chip Ceramic Filters (NRND Products)
305	SFSKC*	Chip Ceramic Filters (NRND Products)
306	SR*	Micro Battery Type for Silver Oxide Batteries
307	SZ*	ScSZ SUBSTRATES FOR SOFC
308	TDF*	Dielectric filter
309	TMS*	LF Antenna Coil
310	VFC*	EMIGUARD
311	VFR*	EMIGUARD
312	VFS*	EMIGUARD

No.	Murata Part Number	Product Category
313	WA*	Ceramic Capacitor
314	WC*	Ceramic Capacitor
315	WMRAG*	Chip MEMS Resonators(NRND Products)
316	WR*	Ceramic Capacitor
317	XM????????-???	MMIC
318	XM?????-?????	MMIC
319	XRCDD*	Chip Crystal Units for Consumer (NRND Products)
320	XRCED*	Chip Crystal Units for Consumer (NRND Products)
321	XRCFD*	Chip Crystal Units for Consumer (NRND Products)
322	XRCGB*F*A*	Chip Crystal Units for Automotive
323	XRCGB*F*C*	Chip Crystal Units for Automotive
324	XRCGB*F*G*	Chip Crystal Units for Automotive
325	XRCGB*F*H*	Chip Crystal Units for Consumer (NRND Products)
326	XRCGB*F*L*	Chip Crystal Units for Consumer
327	XRCGB*F*M*	Chip Crystal Units for Consumer
328	XRCGB*F*N*	Chip Crystal Units for Consumer
329	XRCGB*F*P*	Chip Crystal Units for Consumer
330	XRCGB*F*S*	Chip Crystal Units for Consumer
331	XRCGB*F*Z*	Chip Crystal Units for Consumer
332	XRCGD*	Chip Crystal Units for Consumer (EOL Products)
333	XRCGE*	Chip Crystal Units for Automotive
334	XRCHA*F*A*	Chip Crystal Units for Automotive (NRND Products)
335	XRCHA*F*B*	Chip Crystal Units for Automotive (NRND Products)
336	XRCHA*F*L*	Chip Crystal Units for Consumer (NRND Products)
337	XRCHA*F*Z*	Chip Crystal Units for Consumer (NRND Products)
338	XRCMD*	Chip Crystal Units for Consumer (NRND Products)
339	XRCPB*F*	Chip Crystal Units for Consumer
340	XRCTD*	Chip Crystal Units for Consumer (NRND Products)
341	XRCYD*	Chip Crystal Units for Consumer (NRND Products)
342	ZA*	MATERIALS FOR LFC SUBSTRATES
343	ZR*	Ceramic Capacitor

<Note>

?: 任意の1つの数字文字に一致するワイルドカード(? : Wildcard matching any single numeric character.)

*: 任意の数の文字に一致するワイルドカード。(* : Wildcard matching any number of characters.)

生産中止品は対象外です。(Not covered to discontinued the product.)