

# PRODUCTS CONFORMING to RoHS DIRECTIVE

## EMC Components

Categories				Series	Conforming to RoHS Directive	Remarks	
Ferrite Beads	SMD	For Signal Line	Low Rdc, Low Profile, Low Cross Points	MMZ1608-C	✓		
			Low Rdc, Wide-band	MMZ0402	✓		
				MMZ0603	✓		
				MMZ1005	✓		
				MMZ1608	✓		
		For Power Line	–	MMZ2012	✓		
				MPZ1005	✓		
				MPZ1608	✓		
				MPZ2012	✓		
				ZBFS	✓		
Ferrite Bead Filters	Lead	For Signal Line	For 2 Line	MZA1210	✓		
			For 4 Line	MZA2010	✓		
			For 8 Line	MZA3216	✓		
		For Audio / USB1.1 Signal Line	For Suppression of Differential / Common Mode Noise	ZBDS	✓		
				MCZ1210	✓		
		For Power Line	–	ZBF	✓		
				B	✓		
3-terminal Filters	SMD	For Signal Line	T Type Filter	ACF	✓		
				MEM2012D	✓		
				MEM2012T	✓		
			T Type Filter (Low Profile Type)	MEM2012T-S1	✓		
		For Wide-band	PI Type Filter	MEM2012P	✓		
			T Type Filter	MEM2012TC	✓		
			5th T-PI Type Filter	MEM2012W	✓		
		For Power Line	T Type Filter	ACH	✓		
			PI Type Filter for 3 Line	MEA3216P	✓		
			L Type Filter for 4 Line	MEA2010L	✓		
		Lead	For Signal Line and Power Line	MEA3216L	✓		
			High-attenuation	ZJSC	✓		
			SIP	ZJK, ZJKD	✓		
3-terminal Feed Through Capacitors	SMD	For Signal Line and Power Line	–	CKD	✓		
Common Mode Filters	SMD	For DVI / HDMI	For 2 Lines	ACM-D, ACM-H	✓		
		For High-speed Differential Signal Line	For 2 Lines	TCM1210	✓		
			For 4 Lines	TCM2010	✓		
		For High-speed Differential Signal Line / General Signal Line	For 2, 3 Lines	ACM	✓		
			For 2, 3, 4, 6, 8 Lines	ZCYS	✓		
		For xDSL	For 2 Lines	ZCYS	✓		
		For CAN-BUS	For 2 Lines	ACT45B	✓		
		For CAN-BUS / General Signal Line	For 2 Lines	ZJYS81	✓		
			For 2, 4 Lines	ZJYS51, ZJYS81	✓		
		For General Signal Line	For 2 Lines	ZBYS	✓		
			For 2, 4 Lines	ACM	✓		
Common Mode Choke Coils	DIP	For Power Line	For 2 Lines	ZJY	✓		
		For General Signal Line / Power Line	For 2, 4, 8 Lines				
		For Signal Line	–	UF, TF	✓		
		For Power Line	Compact and Separable Bobbin Type	UF	✓		
			Closed Magnetic Circuit Core Type	HF	✓		
Differential Mode Choke Coils	Radial		Toroidal Core Type	TF	✓		
			Low Profile, Separable Bobbins	LFH	✓		
	Axial	Standard Type Non-molded	–	SF	✓		
		Square Core Type	–	SF-C	✓		
Varistors	Pin Terminal	Varnished and Taped	–	SF	✓		
		With Substrate	–	SF1	✓		
	Pin Terminal	Ring Type	SrTiO <sub>3</sub> System	VAR-18	✓		
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EMC Filters for AC Power Line	For Triple-phase, Large-size Box Cased	Block Terminal	-	ZRCT, ZRGRT ZRCF, ZRWRT	✓	
		Screw Terminal	-	ZACT, ZAGT ZCW	✓	
	For Single-phase, Mid-size Box Cased	Block Terminal	-	ZRCS, ZRGS ZRC, ZRAC	✓	
		Screw Terminal	-	ZAC, ZAG ZAP	✓	
		Faston® Terminal	-	ZHC, ZHG	✓	
	For Single-phase, Compact-size Box Cased	Faston® Terminal	-	ZCB	✓	
		Lead Wire	-	ZGB, ZMB	✓	
		Pin Terminal	-	ZMG	✓	
	Inlet-socket Type	Faston®/Lug Terminal	-	ZUG, ZUB	✓	
Clamp Filters(Ferrite Core with Case)	For Cable	With Self-holding Mechanism	Sleeve Core Type	ZCAT-E	✓	
Ferrites	Cores for EMI Suppression	Bead Cores	1 Hole	BB	✓	
			6 Holes	R6H	✓	
		For Round Cable	Cylindrical	RH	✓	
			Separated Cylindrical	RU	✓	
			Toroidal(Materials: HF30, HF40, HF57, HF60, HF70)	T	✓	
			Toroidal(Materials: HS10, HS52, HS72)	T	✓	
		For Flat Cable / Flexible Substrate	Rectangular	SH	✓	
			Separated Rectangular	SU	✓	
		For ICs and Connectors	Multiple Holes Plate	MH	✓	
			Plate	SP	✓	
		Sample Kits	-	-	✓	

• Faston® is a registered trademark of Tyco Electronics AMP Corp. Incorporated.

## Ferrites

Categories			Series	Conforming to RoHS Directive	Remarks
Materials	High Saturation Flux Density Material for Automobile	Material PE33	-	PE33	✓
	Wide Temperature Range, DC Superposition Suitable, High Inductance Material	Material DNW45	-	DNW45	✓
	DC Superposition Suitable High Inductance Material	Material DN45	-		✓
	Low THD Material	Materials DN40, DN70	-	DN40, DN70	✓
	High Permeability Material	Material H5C5	-	H5C5	✓
	Wide Temperature Range and High Permeability Materials	Material H5C4	-	H5C4	✓
	Wide Temperature Range, Low Loss Power Material	Material PC95	-	PC95	✓
	Low Loss Material for Power Supply	Material PC47	-	PC47	✓
	High Saturation Flux Density Material	Materials PC45, PC46	-	PC45, PC46	✓
		Material PC33	-	PC33	✓
Cores for Transformers / Choke Coils / Filters	For Main Transformers of Power Supplies / Line Filters / Smoothing Chokes	Materials: PC33, PC40, PC44, PC47, PC50, PC95, HS10, HS52, HS72	-	E, EI, EE, EF, EER, ETD, EC, PQ, LP, EPC, EP, RM, ET, UU, FT, T, Planar Cores, SMD Cores	✓
	For High Power	Materials: PC40, PE22	-	T, UU, UI, EC, EIC, EE, EI, DT, PQ, PM, SP	✓
	For Transmitting Transformers / Filters	Materials: H5A, H5C2, H5C3, H5C4, H5C5, PC40, PC44, PC50	-	P, RM, EP, T, SMD Cores	✓
	For Coils	-	-	DR, FT, THP, P, TH, ACD	✓
	For Choke Coil / Balun Transformer	Materials: L2H, L4, L5, L6, L7H, Q1C, Q5F, M5E, M9, M11, V5F	-	RHH, R4H, RID, R	✓
	For Common Mode Filter (Ni-Zn)	Materials: L2H, L4, L5, L6, L7H, Q1C, Q5F, M5E, M9, M11, V5F	-	T	✓
	For Deflection Yokes	-	-	CR, CRS, T	✓

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Cores for EMI Suppression	Bead Cores	1 Hole	-	BB	✓	
		6 Holes	-	R6H	✓	
	For Round Cable	Cylindrical	-	RH	✓	
		Separated Cylindrical	-	RU	✓	
		Toroidal(Materials: HF30, HF40, HF57, HF60, HF70)	-	T	✓	
		Toroidal(Materials: HS10, HS52, HS72)	-	T	✓	
	For Flat Cable / Flexible Substrate	Rectangular	-	SH	✓	
		Separated Rectangular	-	SU	✓	
	For ICs and Connectors	Multiple Holes Plate	-	MH	✓	
		Plate	-	SP	✓	
	Sample Kits	-	-	-	✓	
For Ultrasonic Applied Equipment	PI Type Ferrite Magnetostrictive Vibrators	-	-	V2	✓	
For Electrolysis	Ferrite Electrodes	-	-	N102	✓	
For High Frequency Welding	Impeder Cores	-	-	IPH	✓	

## Magnets

Categories				Series	Conforming to RoHS Directive	Remarks
Ferrite Magnets	Materials	-	-	FB	✓	
Nd-Fe-B Type Magnets	Materials	-	-	NEOREC	✓	
Sm-Co Type Magnets	Materials	-	-	REC	✓	
Nd-Fe-B Type Plastic Bonded Magnets	Materials	-	-	CM	✓	
Ferrite Type Rubber Bonded Magnets	Materials	-	-	BQ	✓	

## Sensors

Categories				Series	Conforming to RoHS Directive	Remarks
NTC Thermistors	SMD	-	-	NTCG	✓	
	Assembly Products	Epoxy Resin Case Type / ABS Resin Case Type / Oil Temperature Sensors	-	NTCGP, NTCDP	✓	
	Axial Lead	Glass-sealed	-	NTCDS	✓	
Temperature-responsive Reed Switches	Temperature-responsive Ferrite + Magnet + Reed Switch	-	-	TR	Partially Compliant Product	Please contact us for more details.
Humidity Sensors	Unit Type	Circuit Built-in	-	CHS	✓	Please contact us for more details.
	Element Type	Variable Resistance Type	-	CHS-XS	✓	
Surface Potential Sensors	Feed-back Type	-	-	EFS	✓	Please contact us for more details.
Toner Concentration / Residual Volume Sensors	Permeability Sensing Type	With Voltage Control	-	TS-L, TS-A, TS-K	✓	
Powder Level Sensors	Piezoelectric Type	-	-	LTS, TSP	Partially Compliant Product	Please contact us for more details.
Door Open / Shut Sensors	Reed Switch Built-in	-	-	PCSW	Partially Compliant Product	Please contact us for more details.
Visible Radiant Optical Sensors	Amorphous Silicon Type	-	-	BCS	✓	

## Actuators

Categories				Series	Conforming to RoHS Directive	Remarks
Compact Plungers	Push/Pull, Bistable, Auto Return	-	-	P	-	Please contact us for more details.
Miniature Plungers	Micro-current Driven Electromagnetic Type	-	-	MA	✓	
Ultrasonic Nebulizer Units	For Mist Generating System	-	-	NB	Partially Compliant Product	Please contact us for more details.

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## Buzzers / Receivers

Categories				Series	Conforming to RoHS Directive	Remarks
Electromagnetic Buzzers	Pin Terminal	Without Oscillator Circuit	-	SD	✓	
		With Oscillator Circuit	-	SDC	✓	
	SMD	Without Oscillator Circuit	-	SDR	✓	
Piezoelectric Buzzers	Pin Terminal /Lead	Without Oscillator Circuit	-	PS	✓	
		With Oscillator Circuit	-	PB	✓	
Piezoelectric Receiver	Lead	Without Oscillator Circuit	-	RU	✓	

## Piezoelectric Products

Categories				Series	Conforming to RoHS Directive	Remarks
Ceramic Filters	Lead	10.7MHz	-	FFE	✓	
Ceramic Discriminators	Lead	10.7MHz	-	FCD	✓	
Ceramic Resonators	SMD	4.0 to 50MHz	-	CCR	✓	
	Lead	3.45 to 50MHz	-	FCR	✓	

## Recording / Reproducing Heads

Categories				Series	Conforming to RoHS Directive	Remarks
Magnetic Recording Heads	For GMR/LMR HDD	Wireless HGA	-	-	✓	Please contact us for more details.
	For GMR/PMR HDD	Wireless HGA	-	-	✓	Please contact us for more details.
	For TMR/LMR HDD	Wireless HGA	-	-	✓	Please contact us for more details.
	For TMR/PMR HDD	Wireless HGA	-	-	✓	Please contact us for more details.
	For VCR	1/2 Inch	For Audio Control and Audio Erasing	-	✓	
			Low Cost Full Track Erase Head for VCR	-	✓	
	For FDD	3.5 Inch	-	-	✓	Please contact us for more details.
Thermal Print Heads	For General Use	Flat Substrate Type	-	BHP, BHF	✓	Please contact us for more details.
	For Card, General Use	Convex Substrate Type	New Edged	BHC, BVC	✓	Please contact us for more details.
	For Video Printer	Flat Substrate Type	-	BVE	✓	Please contact us for more details.

## Power Supplies

Categories				Series	Conforming to RoHS Directive	Remarks
AC Input	-	-	-	-	Partially Compliant Product	Please contact us for more details.
DC to DC Converters	-	-	-	CC-E	✓	
	-	-	-	CCK, CCM	✓	
	-	-	-	CCN, CCP	Partially Compliant Product	Please contact us for more details.
DC to AC Inverters	-	-	-	-	Partially Compliant Product	Please contact us for more details.
Film Solar Cells	Amorphous Silicon Type	Polymer Film	-	BCS	✓	

## Ceramic Capacitors

Categories				Series	Conforming to RoHS Directive	Remarks
SMD	General Use	CH, C0G, SL, B, X7R, X5R, F, Y5V / Edc: 6.3 to 50V	Size: JIS/IEC 0603 to 5750, EIA 0201 to 2220	C	✓	
	Mid Voltage	CH, C0G, B, X7R / Edc: 100 to 630V	Size: JIS/IEC 1608 to 5750, EIA 0603 to 2220	C	✓	
	High Voltage	C0G / Edc: 1k to 3kV	Size: JIS/IEC 4520 to 4532, EIA 1808 to 1812	C	✓	
		X7R / Edc: 1k to 3kV	Size: JIS/IEC 4520 to 4532, EIA 1808 to 1812	C	✓	

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SMD	2-chip Piled	X5R, X7R / Edc: 16 to 630V	–	CKG	✓	
	Low ESL	Ultra Low Inductance	Size: JIS/IEC 2012, EIA 0805	CLL	✓	
	Guaranteed at High Temperature	X8R / Edc: 50 to 100V	Size: JIS/IEC 1608 to 3216, EIA 0603 to 1206	C	✓	
SMD Array	4-element	C0G, X7R, X5R, Y5V / Edc: 6.3 to 50V	–	CKC	✓	
	2-element	C0G, X7R, X5R / Edc: 6.3 to 50V	–	CKC	✓	
Dipped Radial	General Use	C0G, X7R, X5R, Y5V / Edc: 6.3 to 50V	–	FK	✓	
	Mid Voltage	C0G, X7R / Edc: 100 to 630V	–	FK	✓	
Disk with Lead	General Use	B, E / Edc: 1k to 3kV	–	CK45	✓	
	Low Dissipation at High Frequency	SL / Edc: 1k to 3kV	–	CC45	✓	
		R / Edc: 1k to 3kV	–	CK45-RR	✓	
	Safety Standard Approved	B / Edc: 1k to 3kV	–	CK45-RB	✓	
		B, E / Eac: 250V	European Class II Safety Standards Conformance	CD	✓	
Disk with Metal Fitting Type Electrode	Ultra High Voltage	B, F, E / Eac: 250V	–	CS	✓	
		Eac: 10kV	Flat Electrode Type	GA	✓	
		Eac: 15 to 40kV	Screw Fix Type	FD	✓	
Disk Feed Through	For Magnetron	Edc: 15 to 40kV	Screw Fix Type	UHV, FHV	✓	
		Edc: 10kV	Lead + Faston Electrode	HFC	✓	

## Inductors(Coils)

Categories			Series	Conforming to RoHS Directive	Remarks	
SMD	For High Frequency (Multilayer)	1 to 33nH	100 to 300mA	MLK0603	✓	
		1 to 100nH	50 to 300mA	MLK1005	✓	
		1 to 12nH	150 to 200mA	MLG0402S	✓	
		0.6 to 15nH	180 to 600mA	MLG0603Q	✓	
		0.6 to 100nH	50 to 600mA	MLG0603S	✓	
		0.6 to 390nH	50 to 1000mA	MLG1005S	✓	
		1 to 680nH	70 to 600mA	MLG1608	✓	
	For Signal Line (Multilayer, Magnetic Shielded)	0.1 to 12µH	10 to 200mA	MLF1608-J	✓	
		15 to 300mA	MLF2012-J	✓		
		0.1 to 2.2µH	10 to 25mA	MLF1005	✓	
		0.047 to 33µH	1 to 50mA	MLF1608	✓	
		0.047 to 100µH	2 to 300mA	MLF2012	✓	
	For Signal Line (Wound)	1 to 33µH	60 to 245mA	NL2016	✓	*
		0.01 to 100µH	60 to 530mA	NL2520	✓	Alternative Product: NLV25
				NLV25	✓	*
		0.01 to 470µH	25 to 450mA	NL3225	✓	Alternative Product: NLV32
		1 to 1,000µH	30 to 450mA	NL4532	✓	*
		1,200 to 10,000µH	25 to 75mA	NL5650	✓	*
	For Power Line (Multilayer, Magnetic Shielded)	1 to 10µH	40 to 150mA	MLZ1608	✓	
			60 to 220mA	MLZ2012	✓	
		1.5 to 22µH	330 to 1,500mA	VLF3010A	✓	
		1 to 22µH	60 to 220mA	GLF1608	✓	
		1 to 100µH	50 to 400mA	GLF2012	✓	
		1 to 22µH	75 to 300mA	NLFC2016	✓	*
		1 to 100µH	40 to 455mA	NLFC2520	✓	*
				NLFV25	✓	*
		1 to 1,000µH	15 to 500mA	NLFC3225	✓	*
		1 to 330µH	45 to 800mA	NLFC4532	✓	*
		4.7 to 100µH	330 to 1,800mA	SLF6025	✓	*
			420 to 2,500mA	SLF6028	✓	*
		3.3 to 47µH	540 to 1,600mA	SLF7028	✓	*
		3.3 to 100µH	350 to 1,800mA	SLF7030	✓	*
		3.3 to 1,000µH	130 to 1,900mA	SLF7032	✓	*
			140 to 2,500mA	SLF7045	✓	*
		3.3 to 1,500µH	220 to 4,900mA	SLF10145	✓	*
		6 to 1,500µH	290 to 4,900mA	SLF12555	✓	*
		2 to 220µH	1,000 to 10,000mA	SLF12565	✓	*
		1.2 to 220µH	1,300 to 13,000mA	SLF12575	✓	*
		1 to 6.8µH	2,800 to 7,900mA	RLF7030	✓	*
		1.9 to 10µH	5,100 to 13,000mA	RLF12545	✓	*
		1 to 10µH	7,500 to 18,500mA	RLF12560	✓	*

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SMD	For Power Line (Wound)	1 to 22 $\mu$ H	340 to 2,300mA	VLP46	✓	
		2.7 to 47 $\mu$ H	290 to 1,260mA	VLP56	✓	
		1 to 33 $\mu$ H	120 to 475mA	NLC2520	–	Alternative Product: NLCV25
		1 to 33 $\mu$ H	120 to 475mA	NLCV25	✓	✗
		0.15 to 330 $\mu$ H	70 to 1,450mA	NLC3225	–	Alternative Product: NLCV32
		0.15 to 330 $\mu$ H	70 to 1,450mA	NLCV32	✓	✗
		1 to 330 $\mu$ H	90 to 1,050mA	NLC4532	✓	✗
		1 to 1,000 $\mu$ H	85 to 1,800mA	NLC5650	✓	✗
Radial Lead	For Signal Line	0.22 to 470 $\mu$ H	76 to 800mA	EL0405	✓	✗
		0.22 to 2,200 $\mu$ H	48 to 816mA	EL0606	✓	✗
		10 to 15,000 $\mu$ H	21 to 780mA	EL0607	✓	✗
		100 to 56,000 $\mu$ H	18 to 343mA	EL0909	✓	✗
	For Signal Line (Magnetic Shielded)	0.22 to 680 $\mu$ H	53 to 895mA	ELF0505	✓	✗
		0.22 to 2,700 $\mu$ H	43 to 3,200mA	ELF0607	✓	✗
		10 to 33,000 $\mu$ H	10 to 795mA	ELF0708	✓	✗
		100 to 100,000 $\mu$ H	18 to 580mA	ELF1010	✓	✗
	For Power Line	1 to 470 $\mu$ H	230 to 3,000mA	ELC0607	✓	✗
		10 to 5,600 $\mu$ H	200 to 9,800mA	SL1215	✓	✗
		150 to 2,200 $\mu$ H	600 to 3,000mA	SL1720	✓	✗
		470 to 15,000 $\mu$ H	260 to 2,100mA	SL1923	✓	✗
		1,000 to 10,000 $\mu$ H	410 to 1,700mA	SL2125	✓	✗
		1 to 1,500 $\mu$ H	160 to 6,600mA	TSL0709	✓	✗
		2.2 to 4,700 $\mu$ H	130 to 5,600mA	TSL0808	✓	✗
		1.0 to 15,000 $\mu$ H	120 to 14,000mA	TSL1112	✓	✗
	For Power Line	10 to 10,000 $\mu$ H	240 to 12,000mA	TSL1315	✓	✗
Axial Lead	For Signal Line	0.1 to 120 $\mu$ H	85 to 800mA	SP0203	✓	✗
		0.22 to 560 $\mu$ H	85 to 1,150mA	SP0305	✓	✗
		0.22 to 1,000 $\mu$ H	100 to 880mA	SP0406	✓	✗
	For Power Line	1 to 4,700 $\mu$ H	100 to 5,600mA	SP0508	✓	✗

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## Transformers

Categories			Series	Conforming to RoHS Directive	Remarks
For Power Supplies	For Converters	SMD	–	LDT	✓
				CST	✓
For Pulse Signal	For Switching Power Supplies	Pin Terminal Type	–	SRW	Partially Compliant Product
For ISDN S/T Interface	For LAN	10BASE-2/5/T, 100BASE-T, 1000BASE-T, ATM25	–	TLA	✓
	For Digital Signal	SMD	–	CPT	✓
For Inverter	For Inverter	Pin Terminal Type	–	CIT-S	Partially Compliant Product
					Please contact us for more details.

## RF Components

Categories			Series	Conforming to RoHS Directive	Remarks
SAW Duplexer	For Cellular Phones	–	–	DGD	✓
Dielectric Filters/ Duplexers	For Cellular Phones/ Satellite Radio/ Wireless LAN	–	–	CF	✓
Diplexers	For Cellular Phones / Wireless LAN	–	–	DPX	✓
Antenna Switch Modules	For Cellular Phones / Wireless LAN	For All Frequency Bands	–	ASM	✓
Band Pass Filters	For Cellular Phones / Wireless LAN / Bluetooth / Digital Cordless	–	–	DEA	✓
	For Wireless LAN / Bluetooth	–	–	DEA	✓
Low Pass / High Pass Filters	Low Pass: For Noise Suppression / Cellular Phones / PHS / Wireless LAN, High Pass: For 2400 to 2484MHz	–	–	DEA	✓

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- The descriptions given in this catalogue are based on product information as of February 2008. Please contact us for information about our current products.
- This catalogue uses only representative series names for products. In order to ensure correct and safe product usage, please request a delivery specification sheet so you can confirm detailed product characteristics.
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Baluns	For Cellular Phones / Wireless LAN	–	–	HHM	✓	
Couplers	For Cellular Phones / Wireless LAN	Single-band	–	HHM22, HHM24, HHM26	✓	
	For Cellular Phones	Dual-band	–	HHM23	✓	
Circulators / Isolators	For Cellular Phones	PDC	–	QTB	✓	
		CDMA2000/W-CDMA	–	QTB	✓	
	For Cellular Phone Base Stations	–	–	CU	Partially Compliant Product	Please contact us for more details.
	Others	–	–	CU	Partially Compliant Product	Please contact us for more details.
Circulators / Isolators	For Cellular Phones	–	–	QTB	Partially Compliant Product	Please contact us for more details.
Antennas	For Wireless LAN / Bluetooth	Dielectric	–	CABPB	✓	
		Multilayer	–	ANT	✓	
High Frequency Current Superimposition Modules	For Optical Pickup	SMD	–	HFM	Partially Compliant Product	Please contact us for more details.

## Network Related Products

Categories			Series	Conforming to RoHS Directive	Remarks
For LAN	Pulse Transformers / LC Modules	10BASE-2/5/T, 100BASE-T, 1000BASE-T, ATM25	–	TLA	✓
For Wireless LAN	Wireless LAN Mini PCI Module	IEEE802.11g	–	WN-GMP	–
		IEEE802.11a/11g	–	WN-DMP	–
For Optical Network	Faraday Rotators	For Optical Isolator	–	BFG	–
		For Optical Magnetic Field Sensor	–	BFG	–

## Display

Categories			Series	Conforming to RoHS Directive	Remarks
Organic Electroluminescence Display	Passive Matrix	Mono-color	–	–	✓

## Semiconductors

Categories			Series	Conforming to RoHS Directive	Remarks
NAND Flash Memory Controller	PCMCIA, ATA Interface Type	For Systems That use SmartMedia	–	SA	✓
	PCMCIA, ATA Interface Type	For Embedded Systems, Silicon Disk, CompactFlash Card	–	RA3	✓
		–	RA4	✓	
		For Embedded Systems, Silicon Disk	–	RB4	✓
	Memory Bus Interface Type	For Embedded Systems, Silicon Storage, Flash Memory Modules	–	XR	✓

## Noise Suppressing Sheets/Magnetic Sheets/Radio Wave Absorbers

Categories			Series	Conforming to RoHS Directive	Remarks
Flexield	For Noise Suppression	–	IRJ, IFL, IRE	✓	
	For RFID magnetic sheets	–	IRL, IRJ, IFL, IBF	✓	
Radio Wave Absorbers	For Anechoic Chambers / For Microwave Anechoic Chambers / Thin Type	–	IP, IP-BX, ICM, IB, IS, IS-SM, ICT, IR, ISF, IJ, ITB		✓

- No Ozone-Depleting Substances (ODSs) that are restricted by the Montreal Protocol are used in our company's production processes.
- If you have any questions or would like more technical information, please go to the "Contact" section of our homepage.

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