



**Substance of Very High Concern (SVHC) Status**

Last Update on : 10<sup>th</sup> Feb 2017 to ECHA Press Release (ECHA/PR/17/02) dated 12<sup>th</sup> Jan 2017

**173 SVHC**

Dt: 12 Jan-2017

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Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
<b>MOSFETS</b>							
PMOS, SC-70	Si1xxxDL	SI	No	No	N.A.	0.00	NA
PMOS, SC-70	Si1xxxDH	SI	No	No	N.A.	0.00	NA
PMOS, SC-75A	Si1xxxR	SI	No	No	N.A.	0.00	NA
PMOS, SC-89	Si1xxxX	SI	No	No	N.A.	0.00	NA
PMOS, SOT-23	Si2xxxDS	SI	No	No	N.A.	0.00	NA
PMOS, Small Signal, SOT-23	2N7002x, TNxxxxK, VNxxxxK, TPxxxxK, VPxxxxK	SI	No	No	N.A.	0.00	NA
PMOS, Small Signal, TO-92	2N7000KL, TNxxxxKL, VNxxxxKL, TPxxxxKL, VPxxxxKL	SI	No	No	N.A.	0.00	NA
PMOS, TSOP-6	Si3xxxDV	SI	No	No	N.A.	0.00	NA
PMOS, SOIC	Si4xxxDY, Si6xxxEY, Si9xxxDY, Si9xxxEY	SI	No	No	N.A.	0.00	NA
PMOS, ChipFET	Si5xxxDC	SI	No	No	N.A.	0.00	NA
PMOS, ChipFET PowerPAK	Si5xxxDU	SI	No	No	N.A.	0.00	NA
PMOS, TSSOP-8	Si6xxxDQ	SI	No	No	N.A.	0.00	NA
PMOS, PowerPAK 1212	Si7xxxDN	SI	No	No	N.A.	0.00	NA
PMOS, PowerPAK SO8	Si7xxxDP	SI	No	No	N.A.	0.00	NA
PMOS, MicroFOOT	Si8xxxDB	SI	No	No	N.A.	0.00	NA
PMOS, PowerPAK MLF	SiCxxxxxxx	SI	No	No	N.A.	0.00	NA
PMOS, PolarPAK	SiExxxDF	SI	No	No	N.A.	0.00	NA
PMOS, PowerPAK 2 x 5	SiFxxxDZ	SI	No	No	N.A.	0.00	NA
PMOS, TO-263	SUBxxxxxx-xx, SUMxxxxxx-xx	SI	No	No	N.A.	0.00	NA
PMOS, TO-252	SUDxxxxxx-xx, SURxxxxxx-xx	SI	No	No	N.A.	0.00	NA
PMOS, TO-220	SUPxxxxxx-xx, SUNxxxxxx-xx	SI	No	No	N.A.	0.00	NA
PMOS, TO-251	SUUxxxxxx-xx	SI	No	No	N.A.	0.00	NA
PMOS, TO-262	SUVxxxxxx-xx	SI	No	No	N.A.	0.00	NA
<b>JFET's</b>							
JFET, Hermetic	CRxxx, PADxx, DPADx, 2Nxxx, Uxxx, VCRxxx	SI	No	No	N.A.	0.00	NA
JFET, TO-92	Jxxx, JPADxx, PNxxxx	SI	No	No	N.A.	0.00	NA
JFET, SOT-23	SSTxxx	SI	No	No	N.A.	0.00	NA
JFET, SOIC	SSDTPADxxx	SI	No	No	N.A.	0.00	NA
<b>INTEGRATED CIRCUITS</b>							
LinIC, HV SOIC	DGxxxDY, DGxxxDW	SI	No	No	N.A.	0.00	NA
LinIC, HV PDIP	DGxxxDJ	SI	No	No	N.A.	0.00	NA
LinIC, HV TSSOP	DGxxxDQ	SI	No	No	N.A.	0.00	NA
LinIC, HV PLCC	DGxxxDN	SI	No	No	N.A.	0.00	NA
LinIC, LV miniQFN	DGxxxDN	SI	No	No	N.A.	0.00	NA
LinIC, LV MSOP	DGxxxDQ	SI	No	No	N.A.	0.00	NA
LinIC, LV TSOP	DGxxxDV	SI	No	No	N.A.	0.00	NA
LinIC, LV SC-89	DGxxxDX	SI	No	No	N.A.	0.00	NA
LinIC, LV SC-70	DGxxxDL	SI	No	No	N.A.	0.00	NA
LinIC, LV QFN	DGxxxDN	SI	No	No	N.A.	0.00	NA
LinIC, LV SOT-23	DGxxxDS	SI	No	No	N.A.	0.00	NA
LinIC, LV MicroFOOT	DGxxxDB	SI	No	No	N.A.	0.00	NA
PIC, SSOP	Si786xxxG, Si913xxG	SI	No	No	N.A.	0.00	NA
PIC, MSOP	Si91xxxH, SiPxxxH	SI	No	No	N.A.	0.00	NA
PIC, PDIP	Si91xxDJ	SI	No	No	N.A.	0.00	NA
PIC, QSOP	SiPxxxG	SI	No	No	N.A.	0.00	NA
PIC, MLP	Si91xxDM, SiPxxxDM	SI	No	No	N.A.	0.00	NA
PIC, PLCC	Si91xxDN	SI	No	No	N.A.	0.00	NA
PIC, PowerPAK	Si91xxDLP, SiPxxxDLP, Si91xxDMP, SiPxxxDMP, SiPxxxDVP	SI	No	No	N.A.	0.00	NA
PIC, TSSOP	Si91xxxQ, SiPxxxxQ, SiPxxxxDQP	SI	No	No	N.A.	0.00	NA
PIC, SC-70	SiPxxxDR	SI	No	No	N.A.	0.00	NA
PIC, SQFP	Si99xxCS, SiPxxxCS	SI	No	No	N.A.	0.00	NA
PIC, SOT-23	Si91xxDT, SiPxxxDT	SI	No	No	N.A.	0.00	NA
PIC, SOIC	Si9xxxDW, Si9xxxDY, SiPxxxDY	SI	No	No	N.A.	0.00	NA
HIREL	IC's, JFETS, MOSFETS	SI	No	No	N.A.	0.00	NA

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<b>FUNCTION PACK</b>							
Function PAK	FXxxxxxxxxxx	SI	No	No	N.A.	0.00	NA
<b>HIGH VOLTAGE MOSFETS</b>							
HVM	TO-220	HVM	No	No	N.A.	0.00	NA
HVM	TO-247	HVM	No	No	N.A.	0.00	NA
HVM	TO220 FULL PAK	HVM	No	No	N.A.	0.00	NA
HVM	TO-262	HVM	No	No	N.A.	0.00	NA
HVM	D2PAK	HVM	No	No	N.A.	0.00	NA
HVM	D-Pak	HVM	No	No	N.A.	0.00	NA
HVM	Super247	HVM	No	No	N.A.	0.00	NA
HVM	SOT223	HVM	No	No	N.A.	0.00	NA
HVM	HEXDIP	HVM	No	No	N.A.	0.00	NA
HVM	IPAK	HVM	No	No	N.A.	0.00	NA
<b>SMALL SIGNAL PRODUCTS</b>							
Glass products	DO 35 (except 1N4148)	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	87190.00	Glass body
Glass products	DO 35 (1N4148)	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	136118.00	Glass body
Glass products	DO41	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	86685.00	Glass body
Glass products	SOD 80, SOD80Q (except TLZ series)	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	252703.00	Glass body
Glass products	SOD80 TLZ series	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	252949.00	Glass body
Glass products	MicroMELF(except MCL series)	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	254554.00	Glass body
Glass products	MicroMELF(MCL series)	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	254554.00	Glass body
Glassbead Diodes	DOT 30B, SOD 57, SOD 64	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	126000.00	Glass body
Plastic products	DO 213 AB Plastic (GLL 47xx)	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	SMA-Zener (SML 47xx)	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	SOT 143,TO 50, SOT 3xx, SOT490	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	SOD523	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	SOD923	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	LLP	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	SOT 23-V, SOD 123-V,323-V (except: Sw)	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	SOT 23-V, SOD 123-V,323-V (Sw)	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	DO219 (Except Sw GP SMF ECO and Znr SMF DO219 ECO)	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	DO219 (Sw GP SMF ECO and Znr SMF DO219 ECO)	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	DO 214-Zener	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
Plastic products	TO 220	SSP	No	No	Please contact VPECM.Surveys@Vishay.com		
MELF glass	DO 213 AB (glass)	SSP	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	186253.00	Glass body
<b>OPTO</b>							
LED leaded	TLXXXXX	OPTO	No	No	N.A.	0.00	NA
LED leaded	3 mm (TLHK4400L, TLHK4400L-PSZ)	OPTO	No	No	N.A.	0.00	NA
LED SMD	PLCC-2-260 (VLMxxxx, 8.xxx, 1. xxx.xxx) ; IE 53 (V37xxx, V39xxx, VSMxxx)	OPTO	No	No	N.A.	0.00	NA
LED SMD	StarLED 0603 (VLMxxxx, TLMXXXXX, 436.1xx.xxx)	OPTO	No	No	N.A.	0.00	NA
Displays	TDSXXXXX	OPTO	No	No	N.A.	0.00	NA
IR SMD	TEMXXXXX, TSMXXXXX	OPTO	No	No	N.A.	0.00	NA
IR Receiver leaded	TSOP11XX-17XX, TSOP2XXX, TSOP311XX-317XX, TSOP4XXX, TSOP34XXX, TSOP7XXX, TSOP38XXX, TSOP58XXX	OPTO	No	No	N.A.	0.00	NA
IR Receiver SMD	TSOP61XX, TSOP62XX, TSOP361XX, TSOP362XX, TSOP5700, TSOP52XX	OPTO	No	No	N.A.	0.00	NA
IR Receiver SMD	PM4 (TSOP85XXx)	OPTO	No	No	N.A.	0.00	NA
IRDC - LF	TFDUXXXX,	OPTO	No	No	N.A.	0.00	NA
IRDC - PCB	TFBSXXXX	OPTO	No	No	N.A.	0.00	NA
IR LED-DET leaded-1,8/3/5 mm	TSXXXXX, TESTXXXX, TEFTXXXX	OPTO	No	No	N.A.	0.00	NA
Side view lens	TEKSXXXX, TSKSXXXX	OPTO	No	No	N.A.	0.00	NA
Coupler&SSR SMD	TCMTXXXX, TCLTXXXX, Miniflat, Flatpack, SO8, SFHXXXX	OPTO	No	No	N.A.	0.00	NA
Coupler&SSR leaded	SFHXXX, TCETXXXX, TCDTXXXX, DIP4/8/16, DIP6	OPTO	No	No	N.A.	0.00	NA
Sensor Assy	TCSTXXXX, TCRTXXXX,TCxTxxxx	OPTO	No	No	N.A.	0.00	NA
IR EMITTER	5 mm (TSAL7xxx)	OPTO	No	No	N.A.	0.00	NA
Surface Mount/ Ambient Light Sensor	0805, PD92, TEMD6010FX01,	OPTO	No	No	N.A.	0.00	NA
Phototransistor Leaded	T-1 ( TEFT43xxxx, S298PB)	OPTO	No	No	N.A.	0.00	NA
Photo Detector	IE7 - TO18	OPTO	No	No	N.A.	0.00	NA
Photo Detector	PD73 - TO18	OPTO	No	No	N.A.	0.00	NA

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LED	Telux" (TLWO79xx, TLWRxxxx, TLWYxxxx, VLWBxxxx, VLWRxxxx, VLWTxxxx, VLWWxxxx, VLWYxxxx)	OPTO	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	0.00	Hardener
LED	T1 (3 mm): (TLDRxxxx, TLHAxxxx, TLHBxxx, TLHExxxx, TLHFxxxx, TLHGxxxx, TLHKxxxx, TLHOxxxx, TLHPxxxx, TLHRxxxx, TLHYxxxx, TLLExxxx, TLLGxxxx, TLLKxxxx, TLLRxxxx, TLLYxxxx, TLURxxxx,	OPTO	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	0.00	Hardener
LED	T1 3mm V-Lens: TLVx42xx	OPTO	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	0.00	Hardener
Photo Transistor	PD2: BPW85x, TEFx43xx, TEPT44xx	OPTO	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	0.00	Hardener
IR EMITTER	IE21 - T1: TSAL44xx, TSHA44xx, TSUS34xx, TSUS4xxx, V4404P, TCRT5000	OPTO	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	0.00	Hardener
IR EMITTER	IE22 - T1: TSHF4410; VSLB39xx; VSLY3850	OPTO	Yes	Yes	Please contact VPECM.Surveys@Vishay.com	0.00	Hardener

**POWER DIODES**

PPAK	TO-220 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	TO262 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	T03P - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	IT0220 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	TO-263 - COMMERCIAL alphasem	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	TO-263 - COMMERCIAL wirebond	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	TO-220 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	ITO-220 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
PPAK	TO-263 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
Bridge	GSIB4, DFM, MBM, GBL, GBU, GSIB - Commercial	PDD			Please contact VPECM.Surveys@Vishay.com		
Bridge	MBS, DFS - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
Bridge	KBPM, KBL, KBU, BC, GBPC (Wire Lead Type), WOG - Commercial	PDD			Please contact VPECM.Surveys@Vishay.com		
Bridge	GBPC (terminal Type) - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMP RECT	SMP, SMPC, MICRO SMP - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMP TVS	SMP, SMPC, MICRO SMP - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMP RECT	SMP, SMPC, MICRO SMP - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
SMP TVS	SMP, SMPC, MICRO SMP - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
SMX RECT	SMA, SMB, SMC - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMX TVS	SMA, SMB, SMC - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMX RECT	SMA, SMB, SMC - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
SMX TVS	SMA, SMB, SMC - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
AR TVS	D0218 LOAD DUMP - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
MELF RECT	GL41/GL34 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
MELF RECT SKY	SGL41 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
MELF RECT	GL41/GL34 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
MELF RECT SKY	SGL41 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
MELF TVS	GL41 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMD RECT	GF1 - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
SMD RECT	GF1 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial RECT	PLASTIC, GPP, SKY, FER, IN DO41, DO15, DO201AD, MPG06, P600 - Commercial	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial TVS	GPP TVS P4KE, P6KE, 1.5KE - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial TVS	5KP - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial RECT	MPG06, SMPG06 - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial TVS	GPP TVS P4KE, P6KE, 1.5KE, PAR TVS, - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial RECT SUPER	GP/EGP - COMMERCIAL	PDD			Please contact VPECM.Surveys@Vishay.com		
Axial RECT SUPER	GP/EGP - AUTOMOTIVE	PDD			Please contact VPECM.Surveys@Vishay.com		

**HIGH POWER DIODES**

BRIDGES	MB	HPP	No	No	N.A.	0.00	NA
BRIDGES	MT	HPP	No	No	N.A.	0.00	NA
BRIDGES	GBPC	HPP	No	No	N.A.	0.00	NA
BRIDGES	KBPC 6 / 8	HPP	No	No	N.A.	0.00	NA
BRIDGES	LPB - 1KAB	HPP	No	No	N.A.	0.00	NA
BRIDGES	LPB - 2KBB	HPP	No	No	N.A.	0.00	NA
BRIDGES	LPB - 2KBP	HPP	No	No	N.A.	0.00	NA
BRIDGES	LPB - KBPC1	HPP	No	No	N.A.	0.00	NA
BRIDGES	LPB - 2KBRR	HPP	No	No	N.A.	0.00	NA
BRIDGES	RBV (SIP)	HPP	No	No	N.A.	0.00	NA
DISCRETES	METAL DO-4	HPP	No	No	N.A.	0.00	NA
DISCRETES	METAL DO-5	HPP	No	No	N.A.	0.00	NA

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DISCRETES	PLASTIC DO-5	HPP	No	No	N.A.	0.00	NA
DISCRETES	ALLOY STUDS - DO-8	HPP	No	No	N.A.	0.00	NA
DISCRETES	ALLOY STUDS - DO-9	HPP	No	No	N.A.	0.00	NA
DISCRETES	ROUND BRAZED STUDS - DO-8	HPP	No	No	N.A.	0.00	NA
DISCRETES	ROUND BRAZED STUDS - DO-9	HPP	No	No	N.A.	0.00	NA
DISCRETES	COMPRESSED STUDS (DO-30)	HPP	No	No	N.A.	0.00	NA
DISCRETES	COMPRESSED STUDS (DO-9)	HPP	No	No	N.A.	0.00	NA
DISCRETES	COMPRESSED STUDS (B-8)	HPP	No	No	N.A.	0.00	NA
DISCRETES	COMPRESSED STUDS (TO-93C)	HPP	No	No	N.A.	0.00	NA
DISCRETES	COMPRESSED STUDS (TO-118)	HPP	No	No	N.A.	0.00	NA
DISCRETES	SQUARE BRAZED STUDS (TO-94)	HPP	No	No	N.A.	0.00	NA
DISCRETES	SQUARE BRAZED STUDS (TO-93)	HPP	No	No	N.A.	0.00	NA
DISCRETES	TO-48	HPP	No	No	N.A.	0.00	NA
DISCRETES	TO-65	HPP	No	No	N.A.	0.00	NA
DISCRETES	8AF (B-47)	HPP	No	No	N.A.	0.00	NA
MODULES	T-MODULES - DIODES	HPP	No	No	N.A.	0.00	NA
MODULES	T-MODULES - SCR's	HPP	No	No	N.A.	0.00	NA
MODULES	PACE - PAK	HPP	No	No	N.A.	0.00	NA
MODULES	INT-A-PAK	HPP	No	No	N.A.	0.00	NA
MODULES	MAGN-A-PAK	HPP	No	No	N.A.	0.00	NA
MODULES	SUPER MAGN-A-PAK	HPP	No	No	N.A.	0.00	NA
MODULES	D-67 R	HPP	No	No	N.A.	0.00	NA
MODULES	INT-A-PAK (DBC)	HPP	No	No	N.A.	0.00	NA
HOCKY - PUKS	A-PUK	HPP	No	No	N.A.	0.00	NA
HOCKY - PUKS	E-PUK	HPP	No	No	N.A.	0.00	NA
HOCKY - PUKS	B-PUK	HPP	No	No	N.A.	0.00	NA
HOCKY - PUKS	K-PUK	HPP	No	No	N.A.	0.00	NA
HOCKY - PUKS	T-PUK	HPP	No	No	N.A.	0.00	NA
SMA	SMA	HPP	No	No	N.A.	0.00	NA
SMA	SMB	HPP	No	No	N.A.	0.00	NA
SMA	SMC	HPP	No	No	N.A.	0.00	NA
SMA	AXIAL DO-41	HPP	No	No	N.A.	0.00	NA
SMA	DO-201	HPP	No	No	N.A.	0.00	NA
DO204	DO-204AR	HPP	No	No	N.A.	0.00	NA
SOD-SOT	SOD123	HPP	No	No	N.A.	0.00	NA
SOD-SOT	SOD323	HPP	No	No	N.A.	0.00	NA
SOD-SOT	SOT23	HPP	No	No	N.A.	0.00	NA
SOD-SOT	SOT323	HPP	No	No	N.A.	0.00	NA
SOT223	SOT223	HPP	No	No	N.A.	0.00	NA
DPAK	DPAK	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	POWIRTAB	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	TO-220	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	TO-247	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	SUPPER-247	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	TO220-FULLPAK	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	D2PAK	HPP	No	No	N.A.	0.00	NA
XIAN DISCRETES	D2PAKPBF	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	SIP (six pack inverter)	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	SIP (custom configurations)	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	MTP Half-bridge	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	MTP Full-bridge	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	MTP Chopper	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	MTP Customized configuration	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	IAP Half-bridge	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	IAP Single Switch	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	IAP Customized configuration	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	ECONO-2 6-pak Inverter	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	ECONO-2 4-Pak	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	ECONO-2 PIM (Bridge-Brake-Inverter)	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	ECONO-2 Customized configuration	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	SOT227 Single Switch	HPP	No	No	N.A.	0.00	NA
MODULES - IGBT	SOT227 Chopper	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	AAP Common cathode	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	AAP Common Anode	HPP	No	No	N.A.	0.00	NA

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
MODULES Diodes -SCR	AAP Half Bridge	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	AAP Doubler	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	AAP Schottky	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	AAP Ultrafast diode	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	IAP Common Anode	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	IAP Common Cathode	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	IAP Half Bridge	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	IAP Doubler	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	IAP Ultrafast diode	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	MTK 3 Ph diodes bridge	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	MTK AC switch	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	MTK 3 ph Bridges Semi/Total controlled	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	MTP 3phase diodes bridges	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	SOT227 single rectifier	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	SOT227 Ultrafast diodes	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	SOT227 Custom configurations	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	TO244 Schottky	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	TO244 Ultrafast diodes	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	HALF-PAK Scottky	HPP	No	No	N.A.	0.00	NA
MODULES Diodes -SCR	HALF-PAK Ultrafast diodes	HPP	No	No	N.A.	0.00	NA
<b>ALUMINUM / ELECTROLYTIC</b>							
ALU ROE	Radial EKA, EKB, EKC, EKE, EKV	ALU	No	No	n.a.	0.00	n.a.
ALU ROE	Snap-In EYN, EYH	ALU	No	No	n.a.	0.00	n.a.
ALU ROE	SMD Vertical ECA, ECL, ECV	ALU	No	No	n.a.	0.00	n.a.
ALU ROE	Axial EBL, EGL + Mounting Ring EGL, EBC ≤100V, ELM, EBM, EBR depending on PN	ALU	No	No			
ALU ROE	Axial EBC 160V-250V	ALU	No	No	n.a.	0.00	n.a.
ALU ROE	DIN-PW+SL EYK, EYV	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	ST 101../102../103../104../106../500.. series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Mounting Accessories for SL and ST series MAL804324011E3 (dia 25) MAL804324021E3 (dia 30) MAL804324031E3 (dia 35) MAL804324041E3 (dia 40) MAL804324051E3 (dia 50) MAL804324061E3 (dia 65) MAL804323322E3 (dia 76) MAL804324921E3 (dia 90)	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + mounting Ring 021../030../031../132../136.. series depending on PN	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 041..(160V) , 042..(160-385) /043..(160-385V) series depending on PN	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + mounting Ring 116../119../132../136.. series depending on PN	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 120 (100V) .. series depending on PN	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 041.. (250-385V) series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 042..(400, 450V) /043..(400, 450V).. series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 120..(≤ 63V) series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 133.. series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Radial 013../036../116.. series depending on PN	ALU	No	No			
ALU BCC	Radial 038../046../047../048../097../134../136../140../142../146../148../150../151../152../250../246../260.. series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Snap-In + DIN-PW + SL 050../051../052../053../056../057../058../059../090../093../094../095../096../156../157../158../159../162../163../193../197../198../199../256.. series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	Snap-In 100 series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	SMD Horizontal 139.. series	ALU	No	No			
ALU BCC	SMD Vertical 140../146../150../160.. 95xyz, 97xyz and 99xyz series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	SMD Vertical 180../181../246../250.. series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	SMD Vertical 136 95x0z and 97x0z series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	SMD Vertical 153 6wxyz and 7wxyz series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	SAL Axial 123 series	ALU	No	No	n.a.	0.00	n.a.
ALU BCC	SAL Radial 128 series	ALU	No	No	n.a.	0.00	n.a.

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part	
ALU BCC	SMD Vertical 175 series	ALU	No	No	n.a.	0.00	n.a.	
ALU BCC	EDLC 196 series	ALU	No	No	n.a.	0.00	n.a.	
ALU INDIA	Radial MAL5037../038../044../045../135../136../190../191../193..	ALU	No	No	n.a.	0.00	n.a.	
ALU INDIA	Snap-In MAL5157../159..	ALU	No	No	n.a.	0.00	n.a.	
ALU INDIA	Snap-In MAL5014..	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Mounting Accessories for ST series 1245860035 (dia 34.9 mm) 1245860036 (dia 50.8 mm) 1245860037 (dia 63.5 mm) 1245860038 (dia 76.2 mm)	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Axial TE, TVA depending on PN	ALU			VPECM.surveys@vishay.com			
ALU SPRAGUE	Axial 30D, 40D, 500D, 600D, 601D, 604D, 610D, 630D depending on PN	ALU			VPECM.surveys@vishay.com			
ALU SPRAGUE	Axial 34D, 39D, 53D for all: CaseStyle = 6, 7 PVC sleeve	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Axial 34D, 39D, 53D for all: CaseStyle = 2, 3 PET sleeve	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Radial 510D, 510DX, 511D, 672D, 678D depending on PN	ALU			VPECM.surveys@vishay.com			
ALU SPRAGUE	Radial 757D CaseStyle = 3, 4 PVC sleeve	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Radial 757D CaseStyle = 2, 5 PET sleeve	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Axial 516D	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Radial 515D, 517D	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	Snap-In 80D sleeve code = 2 (Std)	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	ST 36D, 36DE, 36DX, 36DY	ALU	No	No	n.a.	0.00	n.a.	
ALU SPRAGUE	OS-CON SMD 94SVP, 94SVPD	ALU	No	No	n.a.	0.00	n.a.	
<b>CERAMIC CAPACITOR</b>								
DRALORIC Disc Capacitors Standard Approved	Safety	VKO, VKP, W1X, WKO, WKP, WYO	DR	No	No	N.A.	0.00	NA
DRALORIC Disc capacitors Disc Class 1 Dielectric	HV	HAU, HBU, HCU, HDU, HEU, HFU	DR	No	No	N.A.	0.00	NA
DRALORIC Disc capacitors DC & HV Disc Class 2 Dielectric		HSE, HSZ, HAZ, HAE, HAX, HBZ, HBE, HBX, HCZ, HCE, HXZ, HDE, HEE, HFZ, HFE, HGZ, HHZ, HIZ	DR	No	No	N.A.	0.00	NA
DRALORIC Disc capacitors Impulse Class 2 Dielectric		HAK, HBK, HCK, HIK, IBC	DR	Yes	Yes	Lead titanium zirconium oxide:12626-81-2	50000.00	Ceramic Dielectric
DRALORIC Disc capacitors Impulse Class 1 Dielectric		IEL ....	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Feedthru Class 1 Dielectric		DDLK 03..., DDML 03..., DURL 03..., DZML 03...,	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Feedthru Class 2 Dielectric		DDLK 03..., DDML 03..., DURL 03..., DZML 03..., DVML 04..., DVZL 04..., DDML 08..	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Feedthru Class 1 Dielectric		DDMZ 0315	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Feedthru Class 2 Dielectric		DDMZ 0315	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Class 2 Dielectric	Filter	DDNL 04..., DDML 04..	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Class 2 Dielectric	Filter	DDML 03..., DDMZ 03..	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Class 1 Dielectric	Tubular	RDPT..., RDQT..., RDLT..., MDLT..	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Class 2 Dielectric	Tubular	RDPT..., RDQT..., RDLT..., MDLT..	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Class 1 Dielectric	Tubular	RDLL..., RDQL..., MDLL..	DR	No	No	N.A.	0.00	NA
DRALORIC SL Capacitors Class 2 Dielectric	Tubular	RDLL..., RDQL..., MDLL..	DR	No	No	N.A.	0.00	NA
CERAMIC BCC - MLC Leaded		AXIAL KAP A...	BC	No	No	N.A.	0.00	NA
CERAMIC BCC - MLC Leaded		MONO KAP K...	BC	No	No	N.A.	0.00	NA
BCC RFI new Series		VY1..., VY2..	BC	No	No	N.A.	0.00	NA
BCC Disc-Capacitors - Gen. Purpose Class 1		Cleartext Code D.../Code S...	BC	No	No	N.A.	0.00	NA
BCC Disc-Capacitors - Gen. Purpose Class 2		Cleartext Code D.../ Code S.../Code H...	BC	No	No	N.A.	0.00	NA
BCC Disc Capacitors - Low loss Class 2		Cleartext Code F...	BC	Yes	Yes	Lead titanium zirconium oxide:12626-81-2	50000.00	Ceramic Dielectric
BCC Disc Capacitors Safety Class X1/Y2		DN-Type Cleartext Code S. .... <b>OBSELETE</b>	BC	No	No	N.A.	0.00	NA
BCC - GAP KAP		Cleartext Code S...	BC	No	No	N.A.	0.00	NA
CERAMITE Disc Capacitors Lower Voltage Class 1		GA..., HK..., HM..., TC..., TG..., TS..	CR	No	No	N.A.	0.00	NA
CERAMITE Disc Capacitors Lower Voltage Class 2		GA..., HK..., HM..., TC..., TG..., TS..	CR	No	No	N.A.	0.00	NA

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
CERAMITE Disc Capacitors AC Line Rated	440L, 30LV, 30LVS, 25Y, 125L, 20VL	CR	No	No	N.A.	0.00	NA
CERAMITE Disc Capacitors Low DF Class 2	1DFO., 2DFO., 3DFO..	CR	Yes	Yes	Lead titanium zirconium oxide:12626-81-2	50000.00	Ceramic Dielectric
CERAMITE Disc Capacitors High Voltage Class 1 & 2	20GA., 20TS., 30GA., 30TS., 60GA.,	CR	No	No	N.A.	0.00	NA
CERAMITE Disc Capacitors High Voltage Class 2	Dual Disc, higher Capacitance values	CR	No	No	N.A.	0.00	NA
DRALORIC - HF Power Capacitors	Plate Capacitors	DR	No	No	N.A.	0.00	NA
DRALORIC - HF Power Capacitors	Barrel Style Capacitors	DR	No	No	N.A.	0.00	NA
DRALORIC - HF Power Capacitors	Feed-Through Capacitors	DR	No	No	N.A.	0.00	NA
DRALORIC - HF Power Capacitors	Tubular Capacitors	DR	No	No	N.A.	0.00	NA
DRALORIC - HF Power Capacitors	Pot Capacitors	DR	No	No	N.A.	0.00	NA
DRALORIC - HF Power Capacitors	Watercooled Power RF-Capacitors	DR	No	No	N.A.	0.00	NA
DRALORIC - HV Capacitors	HV Disc, Ring-styled	DR	No	No	Lead titanium zirconium oxide:12626-81-2	acc. MDS	Ceramic Dielectric
DRALORIC - HV Capacitors	Capacitor Stacks, Cascades	DR	No	No	N.A.	0.00	NA
CERAMITE - Radial leaded HV Capacitors	75GA....100GA....150 GA...	CR	No	No	N.A.	0.00	NA
CERAMITE - Axial leaded HV Capacitors	660C series	CR	No	No	N.A.	0.00	NA
CERAMITE - Heavy Duty HV Capacitors	715C series	CR	Yes	Yes	Lead titanium zirconium oxide:12626-81-2	150000.00	Ceramic Dielectric
CERAMITE - RF Duty Capacitors	5F... 7F... Series	CR	No	No	N.A.	0.00	NA
<b>FILM CAPACITOR</b>							
DC capacitors	2222 370	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 370 91	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 371	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 372	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 373	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 470	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 471 9	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 365/ 366 / 367	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 368	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 369	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 465	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 466	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 467 / 469	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 468	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 303/ 304	BC	No	No	N.A.	0.00	NA
DC capacitors	2222 347	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 380	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 377	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 379 10mm pitch	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 379	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 378	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 376	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 375 10mm pitch	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 375 > 10mm pitch	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 479 10mm pitch	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 479 >10mm pitch	BC	No	No	N.A.	0.00	NA
AC /pulse capacitors	2222 383	BC	No	No	N.A.	0.00	NA
RFI	2222 335 59	BC	No	No	N.A.	0.00	NA
RFI	2222 335 5	BC	No	No	N.A.	0.00	NA
RFI	2222 336 10mm pitch	BC	No	No	N.A.	0.00	NA
RFI	2222 336 >10 mm pitch	BC	No	No	N.A.	0.00	NA
RFI	2222 338 2 <= 10mm pitch	BC	No	No	N.A.	0.00	NA
RFI	2222 338 2 > 10mm pitch	BC	No	No	N.A.	0.00	NA
RFI	2222 338 4 < 37,5mm	BC	No	No	N.A.	0.00	NA
RFI	2222 338 4 pitch 37,5 and 55 mm	BC	No	No	N.A.	0.00	NA
RFI	2222 338 6	BC	No	No	N.A.	0.00	NA
RFI	2222 338 1	BC	No	No	N.A.	0.00	NA
RFI	2222 339	BC	No	No	N.A.	0.00	NA
precision	2222 416 / 417 / 418/419/420 5mm	BC	No	No	N.A.	0.00	NA
precision	2222 416 / 417 / 418/419/420 10mm	BC	No	No	N.A.	0.00	NA
precision	2222 416 / 417 / 418/419/420 15mm	BC	No	No	N.A.	0.00	NA
precision	2222 422	BC	No	No	N.A.	0.00	NA
IPD	2222 401	BC	No	No	N.A.	0.00	NA

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
IPD	2222 405	BC	No	No	N.A.	0.00	NA
Mylar inductive type	2252 901 / 903	BC	No	No	N.A.	0.00	NA
Trimmer	2222 808 / 809	BC	No	No	N.A.	0.00	NA
fan regulator	2215 315	BC	No	No	N.A.	0.00	NA
CDI	2215 314 , 313	BC	No	No	N.A.	0.00	NA
others	2215 366,367, 368, 369, 347, 361	BC	No	No	N.A.	0.00	NA
others	2215 360, 2215 312, 2215 357	BC	No	No	N.A.	0.00	NA
snubber	2222 386	BC	No	No	N.A.	0.00	NA
AC&Pulse	2222 385	BC	No	No	N.A.	0.00	NA
Film ERO radial DC	1817 standard	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1818	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1820	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1820-615/25x-1	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1822 (pcm > 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1822 (pcm <= 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1830	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1836	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1840 (pcm <= 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1840 (pcm > 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1841 (pcm <= 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1841 (pcm > 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1844	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1846	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1850	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1858	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1862 (pcm <= 10)	RO	No	No	N.A.	0.00	NA
Film ERO radial DC	1862 (pcm > 10)	RO	No	No	N.A.	0.00	NA
RFI	1710 pcm 10	RO	No	No	N.A.	0.00	NA
RFI	1710 (pcm >10)	RO	No	No	N.A.	0.00	NA
RFI	1712	RO	No	No	N.A.	0.00	NA
RFI	1722	RO	No	No	N.A.	0.00	NA
RFI	1724	RO	No	No	N.A.	0.00	NA
RFI	1772	RO	No	No	N.A.	0.00	NA
RFI	1774	RO	No	No	N.A.	0.00	NA
RFI	1778 (pcm 10)	RO	No	No	N.A.	0.00	NA
RFI	1778 (pcm > 10)	RO	No	No	N.A.	0.00	NA
RFI	1779	RO	No	No	N.A.	0.00	NA
RFI	1740	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKT 1813 Polyester wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKT 1813 Polycarbonate wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKP 1839 Polyester wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKP 1839 Polycarbonate wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKC 1860 Polyester wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKC 1860 Polycarbonate wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial DC	MKP 1845 Polycarbonate wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial AC	MKP 1842 Polycarbonate wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO Axial RFI	F 1773 Polyester wrapped	RO	No	No	N.A.	0.00	NA
FILM ERO	1848	RO	No	No	N.A.	0.00	NA
FILM ERO	1849	RO	No	No	N.A.	0.00	NA
FILM ERO Axial RFI	F 1773 Polycarbonate wrapped	RO	No	No	N.A.	0.00	NA
<b>MLCC</b>							
MLCC VITRAMON	VJ.. X termination	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC VITRAMON	VJ.. B termination (polymer layer)	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC VITRAMON	VJ.. L termination	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC VITRAMON	VJ.. F termination	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC VITRAMON	VJ.. N termination (non-magnetic)	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC VITRAMON	("Z"/"U" termination code) - CDR...., DSCC03028, DSCC03029, DSCC05001, DSCC05002, DSCC05003, DSCC05006, DSCC05007	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC VITRAMON	("Y"/"W"/ termination code) - CDR....,	VT			Please contact VPECM.Surveys@Vishay.com		



Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
MLCC VITRAMON	("M" termination code) - CDR....., DSCC03028, DSCC03029, DSCC05001, DSCC05002, DSCC05003, DSCC05006, DSCC05007	VT			Please contact VPECM.Surveys@Vishay.com		
MLCC Vishay Basic Commodity	VJ..W1BC - Y5V, X7R, X5R dielectrics	Vishay Basic Commodity			Please contact VPECM.Surveys@Vishay.com		
MLCC Vishay Basic Commodity	VJ..W1BC HighQ, VJ..W1BC - NPO	Vishay Basic Commodity			Please contact VPECM.Surveys@Vishay.com		
<b>TANTALUM CAPACITOR</b>							
Conformal	195D all cases, except G, H, R & Z	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	695D all cases, except G & H cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	591D/592D - All cases, except X25H, M & R cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	594D/595D - all cases except C, D & R	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	594D/595D - C, D & R case	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	572D all cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	T95 B, S, V, X, Y cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	T95 C, D, R & Z cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	T96 R case	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	195D G, H, R & Z cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	695D G, H cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	591D/592D - X25H, M & R cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	597D, T97, T98 all cases, except V case	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	597D, T97, T98 V case	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	CWR06 Gold	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	CWR06 SnPb	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	194D Gold all cases, except H & G cases	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	194D SnPb	SP			Please contact VPECM.Surveys@Vishay.com		
Conformal	194D Gold, H & G cases	SP			Please contact VPECM.Surveys@Vishay.com		
Molded Chip Commercial	293D, 593D, 893D, TR3 all cases, except D & E cases	SP			Please contact VPECM.Surveys@Vishay.com		
Molded Chip Commercial	293D, 593D, 893D, TR3 D & E cases	SP			Please contact VPECM.Surveys@Vishay.com		
	TH3, TP3, TF3, T83, T86 all cases, except D & E cases	SP			Please contact VPECM.Surveys@Vishay.com		
	TH3, TP3, TF3, T83, T86 D & E cases	SP			Please contact VPECM.Surveys@Vishay.com		
Molded Chip Military	CWR11	SP			Please contact VPECM.Surveys@Vishay.com		
Molded Chip MAP	298D, TR8 all cases	SP			Please contact VPECM.Surveys@Vishay.com		
Leaded	173D, 199D, 299D, 489D, 499D, 790D	SP			Please contact VPECM.Surveys@Vishay.com		
Hermetics Commercial	150D, 152D, 550D, CECC (CTS1, CTS13, CTS32, 749DX)	SP			Please contact VPECM.Surveys@Vishay.com		
Hermetics Military	M39003 series	SP			Please contact VPECM.Surveys@Vishay.com		
<b>ESTA</b>							
ESTA	power caps (med.volt.) indoor acc. IEC 60871	ES	No	No	N.A.	0.00	NA
ESTA	power caps (med.volt.) outdoor acc. IEC 60871	ES	No	No	N.A.	0.00	NA
ESTA	power caps (inductive heating) acc. IEC 60110	ES	No	No	N.A.	0.00	NA
ESTA	power caps (low volt. PFC) acc. IEC 61071 and 61881	ES	No	No	N.A.	0.00	NA
ESTA	PEC rectangular acc. IEC 61071 and 61881	ES	No	No	N.A.	0.00	NA
ESTA	PEC tubular	ES	No	No	N.A.	0.00	NA
ESTA	PEC lamp caps	ES	No	No	N.A.	0.00	NA
ESTA	PEC (GLI, HDMKP, GTO)	ES	No	No	N.A.	0.00	NA
ESTA	PEC tubular caps <1500VDC	ES	No	No	N.A.	0.00	NA
ESTA	PEC tubular caps <1000VAC	ES	No	No	N.A.	0.00	NA
ESTA	ESTAsym-/ESTAmat-Relais	ES	No	No	N.A.	0.00	NA
ESTA Hybrids	descharge resistors ELTEX	ES	No	No	N.A.	0.00	NA
ESTA High Voltage Units	painting units DUERR etc.	ES	No	No	N.A.	0.00	NA
ESTA High Voltage Units	miscellaneous	ES	No	No	N.A.	0.00	NA
<b>INDUCTORS</b>							
INDUCTORS	IHLP-1616	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-1616-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-2020	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-2020-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-2525	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-2525-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-4040	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-4040-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-5050	DL			Please contact VPECM.Surveys@Vishay.com		

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
INDUCTORS	IHLP-5050-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-6767	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLP-6767-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLM	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLW-5050	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLW-4040	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHLW-4040-11	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	LPE-3325CST	DL			Boric acid ; CAS #10043-35-3		
INDUCTORS	IMC-2220	DL			Disodium tetraborate, anhydrous ; CAS #1330-43-4		
					Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-1008 (3.3nH - 999nH)	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-1008 (1uH - 47uH)	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-0805-01 2.2nH to 220nH / 0603-01 / 0402-01	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-0805-01 390nH & greater	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-0805	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-0603 / 0402	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMCH	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	ICM-1206, ICM-0805	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	ISC-1812 / 1210	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMC-1812 / 1210	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	ILC	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	ILHB	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	ILSB	DL			Cobalt Carbonate CAS No.: 513-79-1		
INDUCTORS	ILB-1206 , ILBB	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHSM	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	LPE	DL			Boric acid ; CAS #10043-35-3		
					Disodium tetraborate, anhydrous ; CAS #1330-43-4		
					Boric acid ; CAS #10043-35-3		
INDUCTORS	LPT-4545 / LPT-3535	DL			Disodium tetraborate, anhydrous ; CAS #1330-43-4		
INDUCTORS	IM-1/IM-2	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IM-4/IM-6	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IM-8/IM-9/IM-10	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IMS	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IRF-1 / IRF-3	DL			Cobalt(II) sulphate ; CAS #10124-43-3		
					Cobalt(II) dinitrate ; CAS #10141-05-6		
					Cobalt(II) carbonate ; CAS #513-79-1		
					Cobalt(II) carbonate ; CAS #513-79-1		
INDUCTORS	IH	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHB	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHV	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHA	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IHD	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IR-2	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IR-4	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	TJ	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	IDC-2512...IDCS-2512	DL	No	No	N.A.		
INDUCTORS	IDC-7328	DL	No	No	N.A.		
INDUCTORS	IDC-5020	DL	No	No	N.A.		
INDUCTORS	IDCS-5020...7328	DL	No	No	N.A.		
INDUCTORS	IDCP-1813	DL	No	No	N.A.		
INDUCTORS	IDCP-2218/3020/3114/3722/3916	DL	No	No	N.A.		
INDUCTORS	IRF-24 / IRF-36 / IRF-46	DL	No	No	N.A.		
INDUCTORS	MIL(MS-75083/75084/....)	DL			Please contact VPECM.Surveys@Vishay.com		
INDUCTORS	Custom Magnetics	DL			Please contact VPECM.Surveys@Vishay.com		
Aztronic	TRO -TRB	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
Aztronic	IG	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
<b>CONNECTORS</b>							
CONNECTORS	Standard	DL			Please contact VPECM.Surveys@Vishay.com		
CONNECTORS	Military	DL			Please contact VPECM.Surveys@Vishay.com		
CONNECTORS	Custom Connectors	DL			Please contact VPECM.Surveys@Vishay.com		
<b>FREQUENCY CONTROL</b>							

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
FREQUENCY CONTROL	XT26T / XT38T / XT49M / XT49S / XT49U	DL	No	No	N.A.		
FREQUENCY CONTROL	XT-32P / XT-38P	DL	No	No	N.A.		
FREQUENCY CONTROL	XT57C / XT46C	DL	No	No	N.A.		
FREQUENCY CONTROL	XO-43 / XO-53 / XO-54 / XO-543 / XO-52 / XO-523 / XO-56 / XOVC-23 / XOSM-52 / XOSM-55 / XOSM-553	DL	No	No	N.A.		
FREQUENCY CONTROL	XT36C / XOSM-57 / XOSM-573 / XOSM-572 / XOSM-571 / XOSM-533 / XOSM-532 / XOSM-531	DL	No	No	N.A.		
<b>FILM RESISTORS - METAL</b>							
Leaded Film	SFR25 / SFR25H / SFR16S	BC	No	No	N.A.	0.00	NA
Leaded Film	NFR25 / NFR25H	BC	No	No	N.A.	0.00	NA
Leaded Film	PR01 / PR02 / PR03	BC	No	No	N.A.	0.00	NA
Leaded Film	UXA.. / UXB.. / UXE..	BE	No	No	N.A.	0.00	NA
Leaded Film	MPR..	BE	No	No	N.A.	0.00	NA
Leaded Film	MBA.. / MBB.. / MBE.. Prof.	BE	No	No	N.A.	0.00	NA
Leaded Film	CBB0207	BE	No	No	N.A.	0.00	NA
Leaded Film	MBA.. / MBB.. / MBE.. Prec.	BE	No	No	N.A.	0.00	NA
Leaded Film	MBA0204HF	BE	No	No	N.A.	0.00	NA
Leaded Film	MRS16 / MRS25	BE	No	No	N.A.	0.00	NA
Leaded Film	CCF-55 / -07	DR	No	No	N.A.	0.00	NA
Leaded Film	SMA0309, SMA0411, SMA0411HF	DR	No	No	N.A.	0.00	NA
Leaded Film	SMA0204, SMA0204HF, SMA0207, SMA0207HF	DR	No	No	N.A.	0.00	NA
Leaded Film	OMA0204, OMA0207, HMA0207, ZMA0411	DR	No	No	N.A.	0.00	NA
Leaded Film	MK4, MK5, MK8	DR	No	No	N.A.	0.00	NA
Leaded Film	PMA0207	DR	No	No	N.A.	0.00	NA
Leaded Film	NMA0207, NMA0411, NK4, NK5	DR	No	No	N.A.	0.00	NA
Leaded Film	NMA0207Si, NMA0309Si, NMA0411Si	DR	No	No	N.A.	0.00	NA
Leaded Film	SXA0411, SXA0617, SXA0922, SXA0933	DR	No	No	N.A.	0.00	NA
Leaded Film	LCA0204, LCA0207, LCA0411, LCA0617, LCA0922, LCA0933	DR	No	No	N.A.	0.00	NA
Leaded Film	LCA0207Si, LCA0411Si, LCA0617Si	DR	No	No	N.A.	0.00	NA
Leaded Film	WK2, WK4, WK5, WR4, WR5	DR	No	No	N.A.	0.00	NA
MELF	MMU.. / MMA.. / MMB..	BE	No	No	N.A.	0.00	NA
MELF	SMM0204 / OMM0204	DR	No	No	N.A.	0.00	NA
MELF	PMM0204	DR	No	No	N.A.	0.00	NA
MELF	SMM0207 / OMM0207	DR	No	No	N.A.	0.00	NA
MELF	PMM0207	DR	No	No	N.A.	0.00	NA
MELF	LCM0207	DR	No	No	N.A.	0.00	NA
MELF	SMM0102 / OMM0102	DR	No	No	N.A.	0.00	NA
MELF	LCM0207 Si / NMM0207 Si	DR	No	No	N.A.	0.00	NA
Leaded Metal Film	HVW	DL	No	No	N.A.		
Leaded Metal Film	HVX	DL	No	No	N.A.		
Leaded Metal Film	MVW	DL	No	No	N.A.		
Leaded Metal Film	CCF2	DL	No	No	N.A.		
Leaded Metal Film	CCF50	DL	No	No	N.A.		
Leaded Metal Film	CCF60	DL	No	No	N.A.		
Leaded Metal Film	FRJ	DL	No	No	N.A.		
Leaded Metal Film	CMF	DL	No	No	N.A.		
Leaded Metal Film	PTF	DL	No	No	N.A.		
Leaded Metal Film	CPF	DL	No	No	N.A.		
Leaded Metal Film	FP	DL	No	No	N.A.		
Angstrohm Metal Film	Precision Metal Film, Hermetic Resistors	AN			Please contact VPECM.Surveys@Vishay.com		
Angstrohm Rheostats	Power Rheostats MPXX	AN			Please contact VPECM.Surveys@Vishay.com		
FIXED RESISTORS-FILM	RCMA/E/M/S/T/X/Y	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
FIXED RESISTORS-FILM	SL/MR	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
FIXED RESISTORS-FILM	N.3/N.4/N.5	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
<b>FILM RESISTORS - THICK</b>							
Leaded Film	VR25	BC	No	No	N.A.	0.00	NA
Leaded Film	VR37	BC	No	No	N.A.	0.00	NA
Leaded Film	VR68	BC	No	No	N.A.	0.00	NA
Leaded Film	LSR37	BC	No	No	N.A.	0.00	NA
R-Chips	D-/CRCW	DR	No	No	N.A.	0.00	NA
Arrays	CRA...	DR	No	No	N.A.	0.00	NA
SMD Thick Film	MIL Style: RCWPM	DL	No	No	N.A.		
Leaded Metal Film	MIL Styles: RN, RL	DL	No	No	N.A.		

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
Leaded Thick Film	ROX	DL	No	No	N.A.		
Techno Thick Film Networks	R/C-Networks	DL	No	No	N.A.		
Techno HV Resistors	FHV, TR,TD, TPR Series	DL	No	No	N.A.		
Techno High Voltage Chip Resistors	CRHV	DL	No	No	N.A.		
FIXED RESISTORS-FILM	RPS	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	LCH100	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	RCH	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	RPH/RTOP	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	RTO 20 / RTO50	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	LTO30 / LTO50 / LTO100	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	LPS300 / LPS600 / LPS800	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	D2TO20 / D2TO35	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	DT025	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-FILM	HTS/HPS	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
<b>FILM RESISTORS - THIN</b>							
Thin Film Chip R	MCS.. (10R ... 100K), MCT.. (3R3 ... 221K), MCU.. (3R3 ... 480K), MCA..	BE	No	No	N.A.	0.00	NA
Thin Film Chip R	MCS.. (<10R; >100K), MCT.. (<3R3; >221K), MCU.. (<3R3; >480K)	BE	No	No	N.A.	0.00	NA
Thin Film Chip R	OCT.. / OCU..	BE	No	No	N.A.	0.00	NA
Thin Film Chip R	NCT.. / NCU..	BE	No	No	N.A.	0.00	NA
Thin Film Chip R	TCT.. / TCU.. / TCA..	BE	No	No	N.A.	0.00	NA
Thin Film Chip R	MCT... HF	BE	No	No	N.A.	0.00	NA
SMD-Fuse	MFU	BE	No	No	N.A.	0.00	NA
Thin Film -SMD	M..	DR	No	No	N.A.	0.00	NA
Thin Film -SMD	TNPW..	DR	No	No	N.A.	0.00	NA
Thin Film Array	ACAC	BE	No	No	N.A.	0.00	NA
Thin Film Array	ACAS	BE	No	No	N.A.	0.00	NA
SMD Thick Film	Industrial RCWP	DL	No	No	N.A.		
SMD Thick Film	RCWE	DL	No	No	N.A.		
SMD Thick Film	RCWL	DL	No	No	N.A.		
SMD Thick Film	RCWK	DL	No	No	N.A.		
Thin Film	Chip & Wire TLCC, LCC, HD	TF	Yes	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Quick-Nets	TF	No	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Lead Frame Bond TSP	TF	Yes	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Edge Clip/Vapor Phase	TF	No	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Molded Chip & Wire MP, MPD, ORN, TDP	TF	Yes	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Super Small Outlines OSOP	TF	Yes	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	CSO	TF	No	No	Please contact VPECM.Surveys@Vishay.com		
Electro-Films (Same as Hybrid Chips)	20/30 Mil Hybrid	EF			Please contact VPECM.Surveys@Vishay.com		
Electro-Films (Same as Hybrid Arrays)	Arrays	EF			Please contact VPECM.Surveys@Vishay.com		
Thin Film	VTF Sips	TF	Yes	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Thin Film Wraparounds P-NS, PLT, PHP	TF	Yes	Yes	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Thin Film Wraparounds PTN, PAT, Lns	TF	No	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Thick Film Wraparounds M	TF	No	No	Please contact VPECM.Surveys@Vishay.com		
Thin Film	Resale Silicon Nets - VSSR, VTSR, VSOR, VSSRC, VR	TF	No	No	Please contact VPECM.Surveys@Vishay.com		
Electro-Films	Hybrid Chips	EF	No	No	N.A.	0.00	NA
Electro-Films	Hybrid Arrays	EF	No	No	N.A.	0.00	NA
THIN FILM	RMKD,CNP	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
THIN FILM	CHP	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
THIN FILM	P,RV,CH,PRA,TFS-W,CNW, L	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
THIN FILM	TAS,CNS,TFS-S	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
THIN FILM	RMKMS,CNM	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
THIN FILM	TA,CS,RMK,SA,SB,RSK,CN	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
<b>WIREWOUND</b>							
Leaded WW	G202	DR	No	No	N.A.	0.00	NA
Leaded WW	G204	DR	No	No	N.A.	0.00	NA
Leaded WW	G206	DR	No	No	N.A.	0.00	NA
Leaded WW	G207	DR	No	No	N.A.	0.00	NA
Leaded WW	GWS	DR	No	No	N.A.	0.00	NA
Leaded WW	AC..	DR	No	No	N.A.	0.00	NA
Leaded WW	Z3...	DR	No	No	N.A.	0.00	NA
Leaded WW	RW...	DR	No	No	N.A.	0.00	NA

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
Leaded WW	ZWO...	DR	No	No	N.A.	0.00	NA
Leaded WW	ZWS...	DR	No	No	N.A.	0.00	NA
Leaded WW	ZWK...	DR	No	No	N.A.	0.00	NA
Leaded WW	ZW..	DR	No	No	N.A.	0.00	NA
Leaded WW	ZB..	DR	No	No	N.A.	0.00	NA
WW-SMD	WSH2818	DL	No	No	N.A.	0.00	NA
WW-SMD	WSL2816	DL	No	No	N.A.	0.00	NA
WW-SMD	WSR	DL	No	No	N.A.	0.00	NA
WW-SMD	WSL / WSK	DL	No	No	N.A.	0.00	NA
WW-SMD	WSC2515	DL	No	No	N.A.	0.00	NA
WW-SMD	WSC4527	DL	No	No	N.A.	0.00	NA
WW-SMD	WSC6927	DL	No	No	N.A.	0.00	NA
WW-SMD	WSF2515	DL	No	No	N.A.	0.00	NA
WW-SMD	WSF4527	DL	No	No	N.A.	0.00	NA
WW-SMD	WSC1/2	DL	No	No	N.A.	0.00	NA
WW-SMD	WSC1	DL	No	No	N.A.	0.00	NA
WW-SMD	WSC2	DL	No	No	N.A.	0.00	NA
WW-SMD	WSF2012	DL	No	No	N.A.	0.00	NA
WW-SMD	WSE0805	DL	No	No	N.A.	0.00	NA
WW-SMD	WSL...E	DL	No	No	N.A.	0.00	NA
WW-LEADED	RS / NS	DL	No	No	N.A.	0.00	NA
WW-LEADED	CW	DL	No	No	N.A.	0.00	NA
WW-LEADED	G	DL	No	No	N.A.	0.00	NA
WW-LEADED	CPSL	DL	No	No	N.A.	0.00	NA
WW-LEADED	CA	DL	No	No	N.A.	0.00	NA
WW-LEADED	CPL	DL	No	No	N.A.	0.00	NA
WW-LEADED	CPCX	DL	No	No	N.A.	0.00	NA
WW-LEADED	CPCP	DL	No	No	N.A.	0.00	NA
WW-LEADED	CPW	DL	No	No	N.A.	0.00	NA
WW-LEADED	CP	DL	No	No	N.A.	0.00	NA
WW-LEADED	LVR	DL	No	No	N.A.	0.00	NA
WW-LEADED	CPR	DL	No	No	N.A.	0.00	NA
WW-LEADED	RH	DL	No	No	N.A.	0.00	NA
WW-LEADED	SR	DL	No	No	N.A.	0.00	NA
WW-LEADED	HL	DL	No	No	N.A.	0.00	NA
WW-LEADED	SPU	DL	No	No	N.A.	0.00	NA
WW-LEADED	SPR	DL	No	No	N.A.	0.00	NA
WW-LEADED	MIL Styles: RWR, RW, RER, RE, RLV30, RLV31	DL	No	No	N.A.	0.00	NA
FIXED RESISTORS-WW	RW/RWST/RA	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	RSSD/RSO	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	RT	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	RWM	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	RLP/RMB/RMBS	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	RH/SH	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	BSI	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	SG	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	MSP	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
FIXED RESISTORS-WW	AC ACCESSORIES: CL,SC,PC, 2E	SF	No	No	Please contact VPECM.Surveys@Vishay.com	0.00	
<b>NETWORKS</b>							
Leaded Thick Film	RNX	DL	No	No	N.A.	0.00	NA
Networks	SOMC	DL	No	No	N.A.	0.00	NA
Networks	SOGC	DL	No	No	N.A.	0.00	NA
Networks	MDP	DL	No	No	N.A.	0.00	NA
Networks	MSP	DL	No	No	N.A.	0.00	NA
Networks	CSC	DL	No	No	N.A.	0.00	NA
Networks	CZA	DL	No	No	N.A.	0.00	NA
Networks	CRCA 10-50 pf	DL	No	No	N.A.	0.00	NA
Networks	CRCA 51-200 pf	DL	No	No	N.A.	0.00	NA
Networks	CRCC 10-100 pf	DL	No	No	N.A.	0.00	NA
Networks	CRCC 101-200 pf	DL	No	No	N.A.	0.00	NA
Networks	CS201	DL	No	No	N.A.	0.00	NA
Networks	CS206	DL	No	No	N.A.	0.00	NA
Networks	DFM /DFP /DFRC	DL	Yes	No	<a href="mailto:VPECM.Surveys@Vishay.com">VPECM.Surveys@Vishay.com</a>	0.00	

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
Networks	Military - MSM / MDM	DL	No	No	N.A.	0.00	NA
Networks	Military - MDRC	DL	No	No	N.A.	0.00	NA
<b>NON-LINEAR RESISTORS</b>							
NTC SMD NiSn / AgPd	NTCS...	BC	Yes	Yes	Lead monoxide (1317-36-8)	depends on partnumber	Cover glass
NTC SMD	NTHS...	DR	Yes	Yes	Orange lead (1314-41-6)	depends on partnumber	Cover glass
NTC SMD	W-style	DR			Please contact VPECM.Surveys@Vishay.com		
NTC Chip	NTCC100...	BC	Yes	No		0.00	NA
NTC glass encapsulated	NTCLG100.../NTCSMELF...	BC	Yes	Yes	Lead monoxide (1317-36-8)	depends on partnumber	SOT glass
NTC-Std Cu-wire	NTCLE100.../NTCLE101...	BC	Yes	No		0.00	NA
NTC-Std Ni-wire	NTCLE201.../NTCLE202.../NTCLE203.../NTCLE205...	BC	Yes	No		0.00	NA
NTC-Std	M-C-T style	DR			Please contact VPECM.Surveys@Vishay.com		
NTC long flex isolated wire	NTCLE300.../NTCLE301.../NTCLE302.../NTCLE303.../NTCLE304.../NTCLE305...	BC	Yes	No		0.00	NA
NTC for refrigerators	NTCACAP...	BC	Yes	No		0.00	NA
NTC assemblies (pipe, sleeve, cap, epoxy, immersion, screw, surface, lug ...)	NTCAPIP.../NTCASLV.../NTCACAP.../NTCAEPX.../NTCAIMM.../NTCASW.../NTCASRF.../NTCALUG...	BC			To be checked per part number Please contact VPECM.Surveys@Vishay.com		
NTC assemblies specials	NTCLE400.../NTCLS100.../NTCLP100...	BC			To be checked per part number Please contact VPECM.Surveys@Vishay.com		
PTC sensing SMD	PTCSS...	BC	Yes	Yes	Lead monoxide (1317-36-8)	23000.00	Cover glass
PTC sensing Chip	PTCSC...	BC	No	No	N.A.	0.00	NA
PTC sensing Leaded	PTCSL...	BC	No	No	N.A.	0.00	NA
PTC sensing Lug/sleeve/screw	PTCSGM3.../PTCSSLV.../PTCSSCW...	BC			To be checked per part number Please contact VPECM.Surveys@Vishay.com	depends on partnumber	Ceramic
PTC Std Leaded	PTCCL.../PTCLL.../PTCTL.../PTCHL...	BC	Yes	Yes	Lead titanium trioxide (12060-00-3)	depends on partnumber	Ceramic
PTC Std Pellet	PTCCP.../PTCHP.../PTCTP...	BC	Yes	Yes	Lead titanium trioxide (12060-00-3)	depends on partnumber	Ceramic
PTC SMD Horizontal	PTCTZ.../PTCCZ...	BC	Yes	Yes	Lead titanium trioxide (12060-00-3)	depends on partnumber	Ceramic
PTC SMD Vertical Twin	PTCTT...	BC	Yes	Yes	Lead titanium trioxide (12060-00-3)	depends on partnumber	Ceramic
PTC Hot air	PTCZL...	BC	Yes	Yes	Lead titanium trioxide (12060-00-3)	depends on partnumber	Ceramic
PTC Motor Start Pellets	PTC307C...	CR	No	No	N.A.	0.00	NA
PTC Motor Start Packages	PTC305C...	CR	No	No	N.A.	0.00	NA
PTC Linear thin film	TFPT...	BC	Yes	No			NA
Platinum Sensor	PTS...	BC	No	No	N.A.	0.00	NA
Humidity Sensor	HUMIDITY-SENS-E	BC	No	No	N.A.	0.00	NA
Varistors	VDR...	BC	Yes	No		0.00	NA
<b>POTENTIOMETERS</b>							
POTENTIOMETERS	P11/P11P/P11D	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	148/149/248/249	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	P12/P13	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	P16	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	PRV6	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	PE30	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	P9	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	PE60/PRV4/P30L	SF	No	No	N.A.	0.00	NA
POTENTIOMETERS	P10/P10L	SF	No	No	N.A.	0.00	NA
TRIM-LD-Multi Turns Trimmers	T6 / T63	SF	No	No	N.A.	0.00	NA
TRIM-LD-Single Turn Trimmers	T7/T73	SF	No	No	N.A.	0.00	NA
TRIM-LD-Single Turn Trimmers	P8	SF	No	No	N.A.	0.00	NA
TRIM-LD-Multiturns Trimmers	T9 / M64 / T93	SF	No	No	N.A.	0.00	NA
TRIM-LD-Multiturns Trimmers	M43 / T18	SF	No	No	N.A.	0.00	NA
TRIM-LD-Single Turn Trimmers	M63 / M70	SF	No	No	N.A.	0.00	NA
TRIM-SMD TRIMMERS	TSM4	SF	No	No	N.A.	0.00	NA
TRIM-SMD TRIMMERS	TS53	SF	No	No	N.A.	0.00	NA
TRIM-SMD TRIMMERS	TS63	SF	No	No	N.A.	0.00	NA
<b>TRANSDUCERS</b>							
TRANS-MOTION TRANSDUCERS	Rotary precision potentiometers ROT SF & BF	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	Rotary precision potentiometers ECO	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers REC 38L, 50L, 34L	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers KIT	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers REC 115L, 139L ..	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	Rotary precision potentiometers ECS	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers REC 10, 14, 16 LA, LH	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	357 & 358	SF	No	No	Please contact VPECM.Surveys@Vishay.com		

Technology / Product Line	Product Family	Vishay Division	SVHC Present (Yes/No)	SVHC >0.1% (w/w) of Total Product Weight (Yes/No)	Name of identified SVHC & CAS #	SVHC Concentration (ppm)	SVHC Location on Part
TRANS-MOTION TRANSDUCERS	534-533-535	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
TRANS-MOTION TRANSDUCERS	DIALS	SF	No	No	Please contact VPECM.Surveys@Vishay.com		
<b>PLASMA DISPLAYS</b>							
DISCRETE PLASMA DISPLAY	PD-XXX	DL	No	No	N.A.	0.00	NA
PLASMA DISPLAY ASSEMBLIES	APD-XXX	DL	No	No	N.A.	0.00	NA
PLASMA DISPLAY ASSEMBLIES	APE-XXX	DL	No	No	N.A.	0.00	NA
TOUCH PANEL ASSEMBLIES	TIP-XXX	DL	No	No	N.A.	0.00	NA
TOUCH PANEL ASSEMBLIES - RoHS-compliant	TIE-XXX	DL	No	No	N.A.	0.00	NA
LED display modules	LED-XXX	DL	No	No	N.A.	0.00	NA
LED display modules - RoHS-compliant	LEE-XXX	DL	No	No	N.A.	0.00	NA
LCD display modules	LCD M,G,X types	DL	No	No	N.A.	0.00	NA
LCD display modules - RoHS-compliant	LCD N,H,Y types	DL	No	No	N.A.	0.00	NA
Generic part numbers	28xxx-xx types	DL			Please contact VPECM.Surveys@Vishay.com		

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VISHAY BRANDS	
AN	Angstrohm
BC	BC Component
DR	Draloric
BE	Beyschlag
CR	Ceramite
DL	Dale
EF	Electro Films
ES	ESTA
HPP	High Power Products
HVM	High Voltage Mosfets
OPTO	Opto Semiconductor
PDD	Power Diode Division
RO	Roederstein
SF	Sfernice
SI	Siliconix
SP	Sprague
SSP	Small Signal Products
TF	Thin Film
VT	Vitramon

Notes:

● In case of any further questions please contact [VPECM.surveys@vishay.com](mailto:VPECM.surveys@vishay.com)

n.a. indicates that the item is not applicable (no SVHCs)

**This Document is subjected to change without prior notice**