

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
SMALL SIGNAL PRODUCTS							
Glass products	DO 35 (except 1N4148)	SSP	No	No			
Glass products	DO 35 (1N4148)	SSP	No	No			
Glass products	DO41	SSP	No	No			
Glass products	SOD 80, SOD80Q (except TLZ series)	SSP	No	No			
Glass products	SOD80 TLZ series	SSP	No	No			
Glass products	MicroMELF (except MCL series)	SSP	No	No			
Glass products	MicroMELF (MCL series)	SSP	No	No			
Glassbead Diodes	DOT 30B, SOD 57, SOD 64	SSP	No	No			
Plastic products	DO 213 AB Plastic (GLL 47xx)	SSP	Please contact vpecm.surveys@vishay.com	Yes			
Plastic products	SMA-Zener (SM 47xx)	SSP	Please contact vpecm.surveys@vishay.com	Yes			
Plastic products	SOT 143, TO 50, SOT 3xx, SOT490	SSP	No	No			
Plastic products	SOD523	SSP	No	No			
Plastic products	SOD923	SSP	No	No			
Plastic products	LLP	SSP	No	No			
Plastic products	SOT 23-V, SOD 123-V, 323-V (except: Sw)	SSP	No	No			
Plastic products	SOT 23-V, SOD 123-V, 323-V (Sw)	SSP	No	No			
Plastic products	DO219 (Except Sw GP SMF ECO and Znr SMF DO219 ECO)	SSP	Yes	Yes	Lead: 7439-92-1		
Plastic products	DO219 (Sw GP SMF ECO and Znr SMF DO219 ECO)	SSP	Yes	Yes	Lead: 7439-92-1		
Plastic products	DO 214-Zener	SSP	Yes	Yes	Lead: 7439-92-1		
Plastic products	TO 220	SSP	Please contact VPECM.Surveys@Vishay.com	Yes			
MELF glass	DO 213 AB (glass)	SSP	No	No			
OPTO							
LED leaded	TLXXXXXX	OPTO	No	No			
LED leaded	3 mm (TLHK4400L, TLHK4400L-PSZ)	OPTO	No	No			
LED SMD	PLCC-2-260 (VLMxxxx, 8.xxx, 1.xxx,xxx); IE 53 (V37xxx, V39xxx, VSMxxx)	OPTO	No	No			
LED SMD	StarLED 0603 (VLMxxxx, TLMXXXXX, 436.1xx,xxx)	OPTO	No	No			
Displays	TDSXXXXX	OPTO	No	No			
IR SMD	TEMXXXXX, TSMXXXXX	OPTO	No	No			
IR Receiver leaded	TSOP11XX, 17XX, TSOP22XX, TSOP31XX, 317XX, TSOP4XXX, TSOP43XXX, TSOP7XXX, TSOP8XXX, TSOP88XXX, TSOP8XXXX	OPTO	No	No			
IR Receiver SMD	TSOP61XX, TSOP62XX, TSOP631XX, TSOP632XX, TSOP6700, TSOP629XX	OPTO	No	No			
IR Receiver SMD	PM (TSOP85XXX)	OPTO	No	No			
IRDC - LF	TFBXXXXX	OPTO	No	No			
IRDC - PCB	TFBSXXXX	OPTO	No	No			
IR LED-DET leaded-1,8/3/5 mm	TSXXXXXX, TESTXXXX, TEFTXXXX	OPTO	No	No			
Side view lens	TEKXXXXX, TSKSXXXX	OPTO	No	No			
Coupler&SSR SMD	TCMTXXXX, TCLTXXXX, Miniflat, Flatpack, SOB, SFHXXXX	OPTO	No	No			
Coupler&SSR leaded	SFHXXX, TCETXXXX, TCDDTXXXX, DIP4/8/16, DIP6	OPTO	No	No			
Sensor Assy	TCSTXXXX, TCRTXXXX, TCxTxxxx	OPTO	No	No			
IR EMITTER	5 mm (TSAL7xxx)	OPTO	No	No			
Surface Mount/ Ambient Light Sensor	0805, PD92, TEMD6010FX01,	OPTO	No	No			
Phototransistor Leaded	T-1 (TEF743xxx, S298PB)	OPTO	No	No			
Photo Detector	IE7 - TO18	OPTO	No	No			
Photo Detector	PD73 - TO18	OPTO	No	No			
LED	Telux* (TLW079xx, TLWRxxxx, TLWYxxxx, VLWBxxxx, VLWRxxxx, VLWYxxxx, VLWVxxxx, VLWYxxxx)	OPTO	No	No			
LED	T1 (3 mm): TLDXXXX, TLHXXXX, TLH8xxx, TLH8xxx, TLHExxx, TLHFxxx, TLHGxxx, TLHKxxx, TLH4xxx, TLH4xxx, TLH8xxx, TLH4xxx, TLLExxxx, TLLGxxx, TLLKxxx, TLLRxxx, TLLYxxx, TLLVxxx, TLLWxxx,	OPTO	No	No			
LED	T1 3mm V-Lens: TLV42xx	OPTO	No	No			
Photo Transistor	PD2: BPW85x, TEFx43xx, TEPT44xx	OPTO	No	No			
IR EMITTER	IE21 - T1: TSAL44xx, TSH444xx, TSUS34xx, TSUS4xxx, V4404P, TCRT5000	OPTO	No	No			
IR EMITTER	IE22 - T1: TSHF4410, VSLB39xx, VSLY3850	OPTO	No	No			
POWER DIODES							
PPAK	TO-220 - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
PPAK	TO262 - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
PPAK	TO3P - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
PPAK	ITO220 - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
PPAK	TO-263 - COMMERCIAL alphasam	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, SMP, MICRO SMP - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
SMP TVS	SMP, SMP, MICRO SMP - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
SMP RECT	SMP, SMP, MICRO SMP - AUTOMOTIVE	PDD	Please contact VPECM.Surveys@Vishay.com				
SMP TVS	SMP, SMP, 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	DO218 LOAD DUMP - AUTOMOTIVE	PDD	Please contact VPECM.Surveys@Vishay.com				

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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	SKP - COMMERCIAL	PDD	Please contact VPECM.Surveys@Vishay.com				
Axial RECT	MPG06, SMFG06 - 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	Lead: 7439-92-1	Yes	Lead: 7439-92-1	3000.00	Die, Lead solder
BRIDGES	MT	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	5000.00	Die, Lead solder
BRIDGES	GBPC	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	11800.00	Die, Lead solder
BRIDGES	KBPC 6 / 8	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	6000.00	Die, Lead solder
BRIDGES	LPB - 1KAB	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	6000.00	Die, Lead solder
BRIDGES	LPB - 2KBB	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	6000.00	Die, Lead solder
BRIDGES	LPB - 2KBP	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	6000.00	Die, Lead solder
BRIDGES	LPB - KBPC1	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	6000.00	Die, Lead solder
BRIDGES	LPB - 2KBBR	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	6000.00	Die, Lead solder
BRIDGES	FBV (SIP)	HPP	Please contact VPECM.Surveys@Vishay.com				
DISCRETES	METAL DO-4	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	7000.00	Lead solder
DISCRETES	METAL DO-5	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	9000.00	Lead solder
DISCRETES	PLASTIC DO-5	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	5000.00	Die, Lead solder
DISCRETES	ALLOY STUDS - DO-8	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	3000.00	Lead Solder, Glass Metal Cap
DISCRETES	ALLOY STUDS - DO-9	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	3000.00	Lead Solder, Glass Metal Cap
DISCRETES	ROUND BRAZED STUDS - DO-8	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	2000.00	Lead solder
DISCRETES	ROUND BRAZED STUDS - DO-9	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	2000.00	Lead solder
DISCRETES	COMPRESSED STUDS (DO-30)	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	200.00	Lead solder
DISCRETES	COMPRESSED STUDS (DO-9)	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	200.00	Lead solder
DISCRETES	COMPRESSED STUDS (B-8)	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	200.00	Lead solder
DISCRETES	COMPRESSED STUDS (TO-93C)	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	200.00	Lead solder
DISCRETES	COMPRESSED STUDS (TO-118)	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	200.00	Lead solder
DISCRETES	SQUARE BRAZED STUDS (TO-94)	HPP	Please contact VPECM.Surveys@Vishay.com				
DISCRETES	SQUARE BRAZED STUDS (TO-93)	HPP	Please contact VPECM.Surveys@Vishay.com				
DISCRETES	TO-48	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	9000.00	Lead Solder, Glass Metal Cap
DISCRETES	TO-65	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	3000.00	Lead Solder, Glass Metal Cap
DISCRETES	8AF (B-47)	HPP	Please contact VPECM.Surveys@Vishay.com				
MODULES	T-MODULES - DIODES	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	2000.00	Lead solder
MODULES	T-MODULES - SCRs	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	3000.00	Lead solder
MODULES	PAGE - PAK	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	3000.00	Lead solder
MODULES	INT-A-PAK	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	50.00	Solder disc
MODULES	MAGN-A-PAK	HPP	N.A.	No	N.A.		
MODULES	SUPER MAGN-A-PAK	HPP	N.A.	No	N.A.		
MODULES	D-87 R	HPP	N.A.	No	N.A.		
MODULES	INT-A-PAK (DBC)	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	30.00	Die
HOCKY - PUKS	A-PUK	HPP	N.A.	No	N.A.		
HOCKY - PUKS	E-PUK	HPP	N.A.	No	N.A.		
HOCKY - PUKS	B-PUK	HPP	N.A.	No	N.A.		
HOCKY - PUKS	K-PUK	HPP	N.A.	No	N.A.		
HOCKY - PUKS	T-PUK	HPP	N.A.	No	N.A.		
SMA	SMA	HPP	Please contact VPECM.Surveys@Vishay.com				
SMA	SMB	HPP	Please contact VPECM.Surveys@Vishay.com				
SMA	SMC	HPP	Please contact VPECM.Surveys@Vishay.com				
SMA	AXIAL DO-41	HPP	Please contact VPECM.Surveys@Vishay.com				
SMA	DO-201	HPP	Please contact VPECM.Surveys@Vishay.com				
DO204	DO-204AR	HPP	Please contact VPECM.Surveys@Vishay.com				
SOD-SOT	SOD123	HPP	Please contact VPECM.Surveys@Vishay.com				
SOD-SOT	SOD323	HPP	Please contact VPECM.Surveys@Vishay.com				
SOD-SOT	SOT23	HPP	Please contact VPECM.Surveys@Vishay.com				
SOD-SOT	SOT323	HPP	Please contact VPECM.Surveys@Vishay.com				
SOT223	SOT223	HPP	Please contact VPECM.Surveys@Vishay.com				
DPAK	DPAK	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	925000	Die, Lead solder
XIAN DISCRETES	POW/RTAB	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	2000	Die
XIAN DISCRETES	TO-220	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	925000	Die, Lead solder
XIAN DISCRETES	TO-247	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	20000	Die
XIAN DISCRETES	SUPPER-247	HPP	Lead: 7439-92-1	No	Lead: 7439-92-1	20000	Die
XIAN DISCRETES	TO220-FULLPAK	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	900000	Die, Lead solder
XIAN DISCRETES	D2PAK	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	925000	Die, Lead solder
XIAN DISCRETES	D2PAK/PBF	HPP	Lead: 7439-92-1	Yes	Lead: 7439-92-1	925000	Die, Lead solder
MODULES - IGBT	SIP (six pack inverter)	HPP	N.A.				
MODULES - IGBT	SIP (custom configurations)	HPP	N.A.				
MODULES - IGBT	MTP Half-bridge	HPP	N.A.				
MODULES - IGBT	MTP Full-bridge	HPP	N.A.				
MODULES - IGBT	MTP Chopper	HPP	N.A.				
MODULES - IGBT	MTP Customized configuration	HPP	N.A.				

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MODULES - IGBT	IAP Half-bridge	HPP	N.A.	No	N.A.		
MODULES - IGBT	IAP Single Switch	HPP	N.A.	No	N.A.		
MODULES - IGBT	IAP Customized configuration	HPP	N.A.	No	N.A.		
MODULES - IGBT	ECONO-2 6-pak Inverter	HPP	N.A.				
MODULES - IGBT	ECONO-2 4-Pak	HPP	N.A.				
MODULES - IGBT	ECONO-2 PIM (Bridge-Brake-Inverter)	HPP	N.A.				
MODULES - IGBT	ECONO-2 Customized configuration	HPP	N.A.				
MODULES - IGBT	SOT227 Single Switch	HPP	N.A.				
MODULES - IGBT	SOT227 Chopper	HPP	N.A.				
MODULES Diodes -SCR	AAP Common cathode	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	AAP Common Anode	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	AAP Half Bridge	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	AAP Doubler	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	AAP Schottky	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	AAP Ultrafast diode	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	IAP Common Anode	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	IAP Common Cathode	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	IAP Half Bridge	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	IAP Doubler	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	IAP Ultrafast diode	HPP	N.A.	No	N.A.		
MODULES Diodes -SCR	MTK 3 Ph diodes bridge	HPP	N.A.				
MODULES Diodes -SCR	MTK AC switch	HPP		No	Lead: 7439-92-1	200.00	Die
MODULES Diodes -SCR	MTK 3 ph Bridges Semi/Total controlled	HPP			Please contact VPECM.Surveys@Vishay.com		
MODULES Diodes -SCR	MTP 3phase diodes bridges	HPP			Please contact VPECM.Surveys@Vishay.com		
MODULES Diodes -SCR	SOT227 single rectifier	HPP	N.A.				
MODULES Diodes -SCR	SOT227 Ultrafast diodes	HPP	N.A.				
MODULES Diodes -SCR	SOT227 Custom configurations	HPP	N.A.				
MODULES Diodes -SCR	TO244 Schottky	HPP	N.A.				
MODULES Diodes -SCR	TO244 Ultrafast diodes	HPP	N.A.				
MODULES Diodes -SCR	HALF-PAK Scottky	HPP	N.A.				
MODULES Diodes -SCR	HALF-PAK Ultrafast diodes	HPP	N.A.				

Passive Components

ALUMINUM / ELECTROLYTIC							
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, EQL, ECV	ALU	No	No	N.A.	0.00	n.a.
ALU ROE	Axial EBL, EGL + Mounting Ring EGL, EBC s100V, ELM, EBM, EBR depending on PN	ALU	No	No	N.A.		
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../501... series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	Mounting Accessories for SL and ST series MAL80432401E3 (dia 25) MAL80432402E3 (dia 30) MAL80432403E3 (dia 35) MAL80432404E3 (dia 40) MAL80432405E3 (dia 50) MAL80432406E3 (dia 65) MAL80432322E3 (dia 76) MAL80432492E3 (dia 90)	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 021../030../031../132../138... series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 041..(160V) .. 042..(160-385) /043..(160-385V) series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 118../119../132../138... series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	Axial + Mounting Ring 120 (100V) .. series	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..(s 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	ALU	No	No	N.A.		
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../299... 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	N.A.		
ALU BCC	SMD Vertical 140../146../150../160... series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	SMD Vertical 180../181../182../183../184../185../186../246../250../260... series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	SMD Vertical 136 series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	SMD Vertical 153 series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	SAL Axial 123 + suffix "E3" series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	SAL Radial 128 + suffix "E3" series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	SMD Vertical 175 series	ALU	No	No	N.A.	0.00	n.a.
ALU BCC	HVC / EDLC 196../220../225../230../235... 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... series	ALU	No	No	N.A.	0.00	n.a.
ALU INDIA	Snap-In MAL5014... series	ALU	No	No	N.A.	0.00	n.a.

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ALU SPRAGUE	Mounting Accessories for ST series 1245860036 (dia 50.8 mm) 1245860039 (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	Please contact VPECM.surveys@vishay.com		N.A.		
ALU SPRAGUE	Axial 30D, 40D, 500D, 600D, 601D, 604D, 610D, 630D depending on PN	ALU	Please contact VPECM.surveys@vishay.com		N.A.		
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	Please contact VPECM.surveys@vishay.com		N.A.		
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 945VP, 945VPD	ALU	No	No	N.A.	0.00	n.a.
Link to Certificate for Alu Caps	http://www.vishay.com/docst28430/alucapsreach.pdf	ALU	-	-	-	-	-
CERAMIC CAPACITOR							
DRALORIC Disc Capacitors	Safety						
DRALORIC Disc capacitors	Standard Approved	VKO, VKP, W1X, WKO, WKP, WYO	DR	No	N.A.	0	NA
DRALORIC Disc capacitors	Disc Class 1 Dielectric	HAU, HBU, HCU, HDU, HEU, HFU	DR	No	N.A.	0	NA
DRALORIC Disc capacitors	DC & HV Disc Class 2 Dielectric	HSE, HSZ, HAZ, HAE, HAX, HBZ, HBE, HBX, HCB, HCE, HCX, HDE, HEE, HEZ, HFE, HFX, HHZ, HZ	DR	No	N.A.	0	NA
DRALORIC Disc capacitors	Impulse Class 2 Dielectric	HAK, HBK, HCK, HKK, IBC	DR	Yes	Lead titanium zirconium oxide:12626-81-2	50000	Ceramic Dielectric
DRALORIC Disc capacitors	Impulse Class 1 Dielectric	IEL ...	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Feedthru Class 1 Dielectric	DDLK 03..., DDM 03..., DUM 03..., DZML 03..., OBSELETE	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Feedthru Class 2 Dielectric	DDLK 03..., DDML 03..., DUM 03..., DZML 03..., DVML 04..., DVZL 04..., DDML 08..., OBSELETE	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Feedthru Class 1 Dielectric	DDMZ 0315 OBSELETE	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Feedthru Class 2 Dielectric	DDMZ 0315 OBSELETE	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Filter	DDNL 04..., DDM 04...	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Filter	DDML 03..., DDMZ 03...	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Tubular	RDPT..., RDOT..., RDLT..., MDLT...	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Tubular	RDPT..., RDOT..., RDLT..., MDLT...	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Tubular	RDLL..., RDQL..., MDLL...	DR	No	N.A.	0	NA
DRALORIC SL Capacitors	Tubular	RDLL..., RDQL..., MDLL...	DR	No	N.A.	0	NA
CERAMIC BCC - MLC Loaded		AXIAL KAP A...	BC	No	N.A.	0	NA
CERAMIC BCC - MLC Loaded		MONO KAP K...	BC	No	N.A.	0	NA
BCC RFI new Series		VY1..., VY2..., AY2	BC	No	N.A.	0	NA
BCC Disc-Capacitors - Gen. Purpose Class 1		Cleartext Code D.../Code S...	BC	No	N.A.	0	NA
BCC Disc-Capacitors - Gen. Purpose Class 2		Cleartext Code D.../Code S.../Code H...	BC	No	N.A.	0	NA
BCC Disc-Capacitors - Low loss Class 1		Cleartext Code F.../SN	BC	No	N.A.	0	NA
BCC Disc-Capacitors - Low loss Class 2		Cleartext Code F.../YSR	BC	Yes	Lead titanium zirconium oxide:12626-81-2	50000	Ceramic Dielectric
BCC Disc-Capacitors	Safety Class X1/Y2	DN-Type Cleartext Code S... OBSELETE	BC	No	N.A.	0	NA
BCC - GAP KAP		Cleartext Code S...	BC	No	N.A.	0	NA
CERAMITE Disc Capacitors	Lower Voltage Class 1	561R-series, GA..., HK..., HM..., TC..., TG..., TS...	CR	No	N.A.	0	NA
CERAMITE Disc Capacitors	Lower Voltage Class 2	562R-series, GA..., HK..., HM..., TC..., TG..., TS...	CR	No	N.A.	0	NA
CERAMITE Disc Capacitors	AC Line Rated	440L, 30LV, 30LVS, 25Y, 125L, 20VL	CR	No	N.A.	0	NA
CERAMITE Disc Capacitors	Low DF Class 2	561R1DF0..., 564R2DF0..., 564R3DF0...	CR	Yes	titanium zirconium oxide:12626-81-2 and Lead: 7439-92-1	50000	Ceramic Dielectric
CERAMITE Disc Capacitors	High Voltage Class 1 & 2	564R-series, 20GA..., 20TS..., 30GA..., 30TS..., 60GA...	CR	No	N.A.	0	NA
CERAMITE Disc Capacitors	High Voltage Class 2	565R-series, high Capacitance values	CR	No	N.A.	0	NA
DRALORIC - HF Power Capacitors		Plastic Capacitors	DR	Yes	Lead: 7439-92-1	20000	Solder joint
DRALORIC - HF Power Capacitors		Barrel Style Capacitors	DR	Yes	Lead: 7439-92-1	20000	Solder joint
DRALORIC - HF Power Capacitors		Feed-Through Capacitors	DR	Yes	Lead: 7439-92-1	20000	Solder joint
DRALORIC - HF Power Capacitors		Tubular Capacitors	DR	Yes	Lead: 7439-92-1	20000	Solder joint
DRALORIC - HF Power Capacitors		Pot Capacitors	DR	Yes	Lead: 7439-92-1	20000	Solder joint
DRALORIC - HF Power Capacitors		Watercooled Power RF-Capacitors	DR	Yes	Lead: 7439-92-1	20000	Solder joint
DRALORIC - HV Capacitors		HV Disc, Ring-styled	DR	No	N.A.	0	NA
DRALORIC - HV Capacitors		Capacitor Stacks, Cascades	DR	Yes	Lead: 7439-92-1	20000	Solder joint
CERAMITE - Radial leaded HV Capacitors		75GA..., 100GA..., 150 GA...	CR	No	N.A.	0	NA
CERAMITE - Axial leaded HV Capacitors		660C-, 660R-series	CR	No	N.A.	0	NA
CERAMITE - Heavy Duty HV Capacitors		715C..., DK series - Y5U	CR	Yes	Lead: 7439-92-1	3000	Brass Termination
CERAMITE - Heavy Duty HV Capacitors		715C..., KT series - N4700	CR	Yes	titanium zirconium oxide:12626-81-2 and Lead: 7439-92-1	150000	Ceramic Dielectric
CERAMITE - RF Duty Capacitors		5F..., 7F... Series	CR	Yes		3000	Brass Termination
CERAMITE - RF Duty Capacitors			CR	Yes		5000	Solder joint
FILM CAPACITOR							

SUBSTANCE OF VERY HIGH CONCERN (SVHC) USAGE MATRIX - ALL PRODUCTS

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
DC capacitors	2222 370	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 370 91	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 371	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 372	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 373	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 470	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 471 9	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 365/ 366 / 367	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 368	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 369	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 465	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 466	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 467 / 469	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 468	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 303/ 304	BC	Please contact VPECM.Surveys@Vishay.com				
DC capacitors	2222 347	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 380	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 377	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 379 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 379	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 378	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 376	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 375 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 375 > 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 479 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 479 >10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
AC /pulse capacitors	2222 383	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 335 59	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 335 5	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 336 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 336 >10 mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 338 2 <= 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 338 2 > 10mm pitch	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 338 4 < 37.5mm	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 338 4 pitch 37.5 and 55 mm	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 338 6	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 338 1	BC	Please contact VPECM.Surveys@Vishay.com				
RFI	2222 339	BC	Please contact VPECM.Surveys@Vishay.com				
precision	2222 416 / 417 / 418/419/420 5mm	BC	Please contact VPECM.Surveys@Vishay.com				
precision	2222 416 / 417 / 418/419/420 10mm	BC	Please contact VPECM.Surveys@Vishay.com				
precision	2222 416 / 417 / 418/419/420 15mm	BC	Please contact VPECM.Surveys@Vishay.com				
precision	2222 422	BC	Please contact VPECM.Surveys@Vishay.com				
IPD	2222 401	BC	Please contact VPECM.Surveys@Vishay.com				
IPD	2222 405	BC	Please contact VPECM.Surveys@Vishay.com				
Mylar inductive type	2252 901 / 903	BC	Please contact VPECM.Surveys@Vishay.com				
Trimmer	2222 808 / 809	BC	Please contact VPECM.Surveys@Vishay.com				
fan regulator	2215 315	BC	Please contact VPECM.Surveys@Vishay.com				
CDI	2215 314 , 313	BC	Please contact VPECM.Surveys@Vishay.com				
others	2215 366,367, 368, 369, 347, 361	BC	Please contact VPECM.Surveys@Vishay.com				
others	2215 360, 2215 312, 2215 357	BC	Please contact VPECM.Surveys@Vishay.com				
snubber	2222 386	BC	Please contact VPECM.Surveys@Vishay.com				
AC&Pulse	2222 385	BC	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1817 standard	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1818	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1820	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1820-615/25x-1	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1822 (pcm > 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1822 (pcm <= 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1830	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1836	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1840 (pcm <= 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1840 (pcm > 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1841 (pcm <= 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1841 (pcm > 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1844	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1846	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1850	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1858	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1862 (pcm <= 10)	RO	Please contact VPECM.Surveys@Vishay.com				
Film ERO radial DC	1862 (pcm > 10)	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1710 pcm 10	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1710 (pcm >10)	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1712	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1722	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1724	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1772	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1774	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1778 (pcm 10)	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1778 (pcm > 10)	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1779	RO	Please contact VPECM.Surveys@Vishay.com				
RFI	1740	RO	Please contact VPECM.Surveys@Vishay.com				
FILM ERO Axial DC	MKT 1813 Polyester wrapped	RO	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
FILM ERO Axial DC	MKT 1813 Polycarbonate wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial DC	MKP 1839 Polyester wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial DC	MKP 1839 Polycarbonate wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial DC	MKC 1860 Polyester wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial DC	MKC 1860 Polycarbonate wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial DC	MKP 1845 Polycarbonate wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial AC	MKP 1842 Polycarbonate wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial RFI	F 1773 Polyester wrapped	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO	1848	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO	1849	RO	Please contact vpecm.surveys@vishay.com				
FILM ERO Axial RFI	F 1773 Polycarbonate wrapped	RO	Please contact vpecm.surveys@vishay.com				
MLCC							
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	Yes	Yes	Lead: 7439-92-1	>3000 ppm	Termination and Plating layer
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				
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				
TANTALUM CAPACITOR							
Conformal	591D/592D/W - All cases, except X25H, M & R cases	SP	No	No	N.A.	0.00	NA
Conformal	591D/592D/W - X25H, M & R cases	SP	No	No	N.A.	0.00	NA
Conformal	594D/595D - all cases except C, D & R	SP	No	No	N.A.	0.00	NA
Conformal	594D/595D - C, D & R case	SP	No	No	N.A.	0.00	NA
Conformal	572D all cases	SP	No	No	N.A.	0.00	NA
Conformal	T95 A, B, S, V, X, Y cases	SP	No	No	N.A.	0.00	NA
Conformal	T95 C, D, R & Z cases	SP	No	No	N.A.	0.00	NA
Conformal	T96 R case	SP	No	No	N.A.	0.00	NA
Conformal	195D all cases, except G, H, R & Z	SP	No	No	N.A.	0.00	NA
Conformal	195D G, H, R & Z cases	SP	No	No	N.A.	0.00	NA
Conformal	695D all cases, except G & H cases	SP	No	No	N.A.	0.00	NA
Conformal	695D G, H cases	SP	No	No	N.A.	0.00	NA
Conformal, Multi Anode	597D, T97, T98 all cases, except V case	SP	No	No	N.A.	0.00	NA
Conformal, Multi Anode	597D, T97, T98, V case	SP	No	No	N.A.	0.00	NA
Conformal, DMD	194D Gold all cases, except H & G cases	SP	No	No	N.A.	0.00	NA
Conformal, DMD	194D Gold, H & G cases	SP	No	No	N.A.	0.00	NA
Conformal Military	CWR06, CWR16 Gold	SP	No	No	N.A.	0.00	NA
Molded Chip Commercial	293D, 593D, 893D, TR3, TF3 all cases	SP	No	No	N.A.	0.00	NA
Molded Chip Commercial	TMCJ, TMCP, TMCS, TMCM, TMCR, TMCH, THC - All cases & TMCU - UA case	SP	No	No	N.A.	0.00	NA
Molded Chip Commercial	TMCU - UB case	SP	No	No	N.A.	0.00	NA
Molded Chip Commercial	TMCTX - All case	SP	No	No	N.A.	0.00	NA
Molded Chip Niobium	NMC - All cases & NMCU - UA case	SP	No	No	N.A.	0.00	NA
Molded Chip Niobium	NMCU - UB case	SP	No	No	N.A.	0.00	NA
Molded Chip Specialty	TH3, TP3, TL3, T83, T86, TH4, TH5 all cases	SP	No	No	N.A.	0.00	NA
Molded Chip Military	CWR11, 04053 & 95158	SP	No	No	N.A.	0.00	NA
MAP	298D, 298W, TR8, TL8 all cases	SP	No	No	N.A.	0.00	NA
MAP, Specialty	T88, TP8, T42 all cases	SP	No	No	N.A.	0.00	NA
Leaded	173D, 199D, 299D, 499D, 799D, ETPQ, ETQW	SP	No	No	N.A.	0.00	NA
Hermetic (through hole)	150D, 152D, 550D, CECC (CTS1, CTS13, 7490X)	SP	No	No	N.A.	0.00	NA
Hermetic SMD	T25	SP	No	No	N.A.	0.00	NA
Wets (through hole)	109D, 135D, 136D, 138D, T16, CECC (769D, 735D, 735DE, CT79, 738D, CT9), ST, STE, T11, HE3, M34, M35	SP	No	No	N.A.	0.00	NA
WET SMD	T22	SP	No	No	N.A.	0.00	NA
Polymer MAP Commercial	T58, T52	SP	No	No	N.A.	0.00	NA
Polymer MAP Double anode	T59, T54	SP	No	No	N.A.	0.00	NA
Polymer Molded Chip	T55 (J, P & A cases)	SP	No	No	N.A.	0.00	NA
Polymer Molded Chip	T55 (T, B, V, D cases & part of A case)	SP	No	No	N.A.	0.00	NA
Conformal Military	CWR06, CWR16 Sn/Pb	SP	Yes	Yes	Lead: 7439-92-1	24000	Plating
Wets Military	M39006 series	SP	Yes	Yes	Lead: 7439-92-1	25000	Termination (Solder)
Hermetics Military	M39003 series	SP	Yes	Yes	Lead: 7439-92-1	16000	Termination (Solder)
ESTA							
ESTA	power caps (med.volt.) indoor acc. IEC 60871	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	power caps (med.volt.) outdoor acc. IEC 60871	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	power caps (inductive heating) acc. IEC 60110	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	power caps (low volt. PFC) acc. IEC 61071 and 61881	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	PEC rectangular acc. IEC 61071 and 61881	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	PEC tubular	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	PEC lamp caps	ES	Please contact vpecm.surveys@vishay.com				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
ESTA	PEC (GLI, HDMKP, GTO)	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	PEC tubular caps <1500VDC	ES	Please contact vpecm.surveys@vishay.com				NA
ESTA	PEC tubular caps <1000VAC	ES	Please contact vpecm.surveys@vishay.com				NA
INDUCTORS							
INDUCTORS	IHLP-1616	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-1616-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-2020	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-2020-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-2525	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-2525-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-4040	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-4040-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-5050	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-5050-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-6767	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLP-6767-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLM	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLW-5050	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLW-4040	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHLW-4040-11	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	LPE-3325CST	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-2220	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-1008 (3.3nH - 99nH)	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-1008 (1uH - 47uH)	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-0805-01 2.2nH to 220nH / 0603-01 / 0402-01	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-0805-01 390nH & greater	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-0805	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-0603 / 0402	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC4	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	ICM-1206, ICM-0805	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	ISC-1812 / 1210	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMC-1812 / 1210	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	ILC	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	ILHB	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	ILSB	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	ILB-1206 , ILBB	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IISM	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	LPE	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	LPT-4545 / LPT-3535	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IM-1IM-2	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IM-4IM-6	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IM-8IM-9IM-10	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IMS	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IRF-1 / IRF-3	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IH	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHB	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHV	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHA	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IHD	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IR-2	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IR-4	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	TJ	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IDC-2512 ,IDCS-2512	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IDC-7328	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IDC-5020	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IDCS-5020...7328	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IDCP-1813	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IDCP-2218/3020/3114/3722/3916	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	IRF-24 / IRF-36 / IRF-46	DL	No	No	N.A.	N.A.	N.A.
INDUCTORS	MIL/MS-75083/75084(...)	DL	No	No	Please contact VPECM.Surveys@Vishay.com	N.A.	N.A.
INDUCTORS	Custom Magnetics	DL	No	No	Please contact VPECM.Surveys@Vishay.com	N.A.	N.A.
Astronic	TRO -TRB	SF	Please contact vpecm.surveys@vishay.com				
Astronic	IG	SF	Please contact vpecm.surveys@vishay.com				
CONNECTORS							
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				
FREQUENCY CONTROL							
FREQUENCY CONTROL	XT26T / XT38T / XT49M / XT49S / XT49U	DL	Please contact VPECM.Surveys@Vishay.com				
FREQUENCY CONTROL	XT-32P / XT-38P	DL	Please contact VPECM.Surveys@Vishay.com				
FREQUENCY CONTROL	XT57C / XT46C	DL	Please contact VPECM.Surveys@Vishay.com				
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	Please contact VPECM.Surveys@Vishay.com				
FREQUENCY CONTROL	XT38C / XOSM-57 / XOSM-573 / XOSM-572 / XOSM-571 / XOSM-533 / XOSM-532 / XOSM-531	DL	Please contact VPECM.Surveys@Vishay.com				
FILM RESISTORS - METAL							
Leaded Film	SFR25 / SFR25H / SFR16S	BC	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	NFR25 / NFR25H	BC	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
Leaded Film	PR01 / PR02 / PR03	BC	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	UXA. / UXB. / UXE.	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	MFR.	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	MBA. / MBB. / MBE. Prof.	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	CB80207	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	MBA. / MBB. / MBE. Prec.	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	MBA0204HF	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	MRS16 / MRS25	BE	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	CCF-55 / -07	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	SMA0309, SMA0411, SMA0411HF	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	SMA0204, SMA0204HF, SMA0207, SMA0207HF	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	OMA0204, OMA0207, HMA0207, ZMA0411	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	NK4, MKS, MKS	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	PMA0207	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	NMA0207, NMA0411, NK4, NKS	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	NMA0207Si, NMA0309Si, NMA0411Si	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	SXA0411, SXA0617, SXA0922, SXA0933	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	LCA0204, LCA0207, LCA0411, LCA0617, LCA0922, LCA0933	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	LCA0207Si, LCA0411Si, LCA0617Si	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	WK2, WK4, WK5, WR4, WR5	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	MMU. / MMA. / MMB.	BE	Please contact VPECM.Surveys@Vishay.com				
MELF	SMM0204 / OMM0204	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	PMM0204	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	SMM0207 / OMM0207	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	PMM0207	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	LCM0207	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	SMM0102 / OMM0102	DR	Please contact VPECM.Surveys@Vishay.com				
MELF	LCM0207 Si / NMM0207 Si	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	HVV	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	HVX	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	MVV	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	CCF2	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	CCF50	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	CCF60	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	FRJ	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	CMF	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	PTF	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	CPF	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	FP	DL	Please contact VPECM.Surveys@Vishay.com				
Angstrom Metal Film	Precision Metal Film, Hermetic Resistors	AN	Please contact VPECM.Surveys@Vishay.com				
Angstrom Rheostats	Power Rheostats MPXX	AN	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	RMCMAE/MST/KXY	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	SLMR	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	N.3N.4N.5	SF	Please contact VPECM.Surveys@Vishay.com				
FILM RESISTORS - THICK							
Leaded Film	VR25	BC	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	VR37	BC	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	VR68	BC	Please contact VPECM.Surveys@Vishay.com				
Leaded Film	LSR37	BC	Please contact VPECM.Surveys@Vishay.com				
R-Chips	D-CRCW	DR	Please contact VPECM.Surveys@Vishay.com				
Arrays	CRA.	DR	Please contact VPECM.Surveys@Vishay.com				
SMD Thick Film	MIL Style: RCW/PM	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Metal Film	MIL Style: RN, RL	DL	Please contact VPECM.Surveys@Vishay.com				
Leaded Thick Film	ROX	DL	Please contact VPECM.Surveys@Vishay.com				
Techno Thick Film Networks	R/C-Networks	DL	Please contact VPECM.Surveys@Vishay.com				
Techno HV Resistors	FHV, TR, TD, TPR Series	DL	Please contact VPECM.Surveys@Vishay.com				
Techno High Voltage Chip Resistors	CRHV	DL	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	RPS	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	LCH100	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	RCH	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	RPH/RTOP	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	RT0 20 / RT050	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	LTO30 / LTO50 / LTO100	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	LPS300 / LPS600 / LPS800	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	D2TO20 / D2TO35	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	DTO25	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-FILM	HTSHPS	SF	Please contact VPECM.Surveys@Vishay.com				
FILM RESISTORS - THIN							
Thin Film Chip R	MCS. (10R ... 100K), MCT. (3R3 ... 221K), MCU. (3R3 ... 480K), MCA.	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film Chip R	MCS. (<10R; >100K), MCT. (<3R3; >221K), MCU. (<3R3; >480K)	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film Chip R	OCT. / OCCU.	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film Chip R	NGT. / NGCU.	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film Chip R	TCT. / TCUI. / TCA.	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film Chip R	MCT... HF	BE	Please contact VPECM.Surveys@Vishay.com				
SMD-Fuse	MFU	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film-SMD	ML	DR	Please contact VPECM.Surveys@Vishay.com				
Thin Film-SMD	TNPWL	DR	Please contact VPECM.Surveys@Vishay.com				
Thin Film Array	ACAC	BE	Please contact VPECM.Surveys@Vishay.com				
Thin Film Array	ACAS	BE	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
SMD Thick Film	Industrial RCWP	DL	Please contact VPECM.Surveys@Vishay.com				
SMD Thick Film	RCWE	DL	Please contact VPECM.Surveys@Vishay.com				
SMD Thick Film	RCWL	DL	Please contact VPECM.Surveys@Vishay.com				
SMD Thick Film	RCWK	DL	Please contact VPECM.Surveys@Vishay.com				
Thin Film	Chip & Wire TLCC, LCC, HD	TF	No				
Thin Film	Quick-Nets	TF	No				
Thin Film	Lead Frame Bond TSP	TF	No				
Thin Film	Edge Clip/Vapor Phase	TF	No				
Thin Film	Molded Chip & Wire MP, MPD, ORN, TDP	TF	No				
Thin Film	Super Small Outlines OSOP	TF	No				
Thin Film	CSO	TF	No				
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	YTF Sips	TF	No				
Thin Film	Thin Film Wraparounds P-NS, PLT, PHP	TF	No				
Thin Film	Thin Film Wraparounds PTN, PAT, Lns	TF	No				
Thin Film	Thin Film Wraparounds M	TF	Please contact VPECM.Surveys@Vishay.com				
Thin Film	Resale Silicon Nets - VSSR, VTSR, VSOR, VSSRC, VR	TF	No				
Electro-Films	Hybrid Chips	EF	Please contact VPECM.Surveys@Vishay.com				
Electro-Films	Hybrid Arrays	EF	Please contact VPECM.Surveys@Vishay.com				
THIN FILM	RMKD,CNP	SF	No	No	N.A.	N.A.	N.A.
THIN FILM	CHP	SF	No	No	N.A.	N.A.	N.A.
THIN FILM	P,RV,CH,PRA,TFS-W,CNW, L	SF	No	No	N.A.	N.A.	N.A.
THIN FILM	TAS,CNS,TFS-S	SF	No	No	N.A.	N.A.	N.A.
THIN FILM	RMKMS,CNM	SF	No	No	N.A.	N.A.	N.A.
THIN FILM	TA,CS,FMK,SA,SB,RSK,CN	SF	No	No	N.A.	N.A.	N.A.
WIREWOUND							
Leaded WW	G202	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	G204	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	G206	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	G207	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	GWS	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	AC...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	Z3...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	RW...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	ZWO...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	ZWS...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	ZWK...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	ZW...	DR	Please contact VPECM.Surveys@Vishay.com				
Leaded WW	ZB...	DR	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSH2818	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSL2816	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSR	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSL / WSK	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSC2515	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSC4527	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSC6927	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSF2515	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSF4527	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSC12	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSC1	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSC2	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSF2012	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSE0805	DL	Please contact VPECM.Surveys@Vishay.com				
WW-SMD	WSL...E	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	RS / NS	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CW	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	G	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CPSL	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CA	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CPL	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CPX	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CPCP	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CPW	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CP	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	LVR	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	CPR	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	RH	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	SR	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	HL	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	SPU	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	SPR	DL	Please contact VPECM.Surveys@Vishay.com				
WW-LEADED	MIL Styles: RWR, RW, RER, RE, RLV30, RLV31	DL	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	RW/RWST/RA	SF	No	No			
FIXED RESISTORS-WW	RSSD/RSO	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	RT	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	RWM	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	RLP/RMB/RMBS	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	RHSH	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	BSI	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	SG	SF	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
FIXED RESISTORS-WW	MSP	SF	Please contact VPECM.Surveys@Vishay.com				
FIXED RESISTORS-WW	AC ACCESSORIES: CL,SC,PC, 2E	SF	Please contact VPECM.Surveys@Vishay.com				
NETWORKS							
Leaded Thick Film	RNX	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	SOMC	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	SOGC	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	MDP	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	MSP	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CSC	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CCA	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CRCA 10-50 pf	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CRCA 51-200 pf	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CRCC 10-100 pf	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CRCC 101-200 pf	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CS201	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	CS206	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	DFM /DFP /DFRC	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	Military - MSM / MDM	DL	Please contact VPECM.Surveys@Vishay.com				
Networks	Military - MDRC	DL	Please contact VPECM.Surveys@Vishay.com				
NON-LINEAR RESISTORS							
NTC SMD	NTCS...	BC	No	No	N.A.	0.00	NA
NTC SMD	NTHS...	DL	No	No	N.A.	0.00	NA
NTC Wirebondable	NTCC200...NTC300...	BC	No	No	N.A.	0.00	NA
NTC Chip	NTCC100...	BC	No	No	N.A.	0.00	NA
NTC glass encapsulated	NTCLG100...NTCSMELF...	BC	No	No	N.A.	0.00	NA
NTC-Std Cu-wire	NTCLE100.....NTCLE101...	BC	No	No	N.A.	0.00	NA
NTC-Std Ni-wire	NTCLE201...NTCLE203...NTCLE213...	BC	No	No	N.A.	0.00	NA
NTC Std Thermistors, Radial Leaded and Coated	xxT, xxM, xxC	DL	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com
NTC insulated wires	NTCLE900.../NTCLE301.../NTCLE305.../NTCLE306.../NTCLE308.../NTCLE313.../NTCLE314.../NTCLE315.../NTCLE317.../NTCLE413.../NTCLE428	BC	No	No	N.A.	0.00	NA
NTC insulated wires	NTCLE350	BC	Yes	Yes	Lead (7439-92-1)	39800.00	HMP solder
NTC for refrigerators	NTCACAP...	BC	No	No	N.A.	0.00	NA
NTC assemblies (pipe, sleeve, cap, epoxy, immersion, screw, surface, lug...)	NTCACAP.../NTCACAP.../NTCAEPX.../NTCAMM.../NTCASCW.../NTCASRF.../NTCALLIG...	BC	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com
NTC assemblies specials	NTCLE400.../NTCLS100.../NTCLP100.../NTCLP450	BC	No	No	N.A.	0.00	NA
PTC sensing Leaded	PTCSL...	BC	No	No	N.A.	0.00	NA
PTC Std Leaded	PTOCL.../PTCL.../PTCTL.../PTCHL.../PTCEL...	BC	Yes	Yes	Lead (7439-92-1)	depends on part number	HMP solder
PTC Std Pellet	PTCCP.../PTOHP.../PTCTP...	BC	No	No	N.A.	0.00	NA
PTC SMD Horizontal	PTCTZ.../PTCCZ...	BC	Yes	Yes	Lead (7439-92-1)	5600.00	HMP solder
PTC SMD Vertical Twin	PTCTT...	BC	Yes	Yes	Lead (7439-92-1)	14000.00	HMP solder
PTC Hot air	PTCZL...	BC	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com	Please contact VPECM.Surveys@Vishay.com
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
Thin Film RTD Nickel	TFPT.../TFPTL	VY	No	No	N.A.	0.00	NA
Thin Film RTD Platinum	PTS...	BE	No	No	N.A.	0.00	NA
Humidity Sensor	HUMIDITY-SENS-E	BC	No	No	N.A.	0.00	NA
Varistors	MLV...VDR...	BC	No	No	N.A.	0.00	NA
POTENTIOMETERS							
POTENTIOMETERS	P11/P1P/P1D	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	148/149/248/249	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	P12/P13	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	P16	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	PRV6	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	PE30	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	P9	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	PE60/PRV4/P30L	SF	Please contact vpecm.surveys@vishay.com				
POTENTIOMETERS	P10/P10L	SF	Please contact vpecm.surveys@vishay.com				
TRIM-LD-Multi Turns Trimmers	T6 / T63	SF	Please contact vpecm.surveys@vishay.com				
TRIM-LD-Single Turn Trimmers	T7/T73	SF	Please contact vpecm.surveys@vishay.com				
TRIM-LD-Single Turn Trimmers	P9	SF	Please contact vpecm.surveys@vishay.com				
TRIM-LD-MultiTurns Trimmers	T9 / M4 / T93	SF	Please contact vpecm.surveys@vishay.com				
TRIM-LD-MultiTurns Trimmers	M43 / T18	SF	Please contact vpecm.surveys@vishay.com				
TRIM-LD-Single Turn Trimmers	M63 / M70	SF	Please contact vpecm.surveys@vishay.com				
TRIM-SMD TRIMMERS	TSM4	SF	Please contact vpecm.surveys@vishay.com				
TRIM-SMD TRIMMERS	TS53	SF	Please contact vpecm.surveys@vishay.com				
TRIM-SMD TRIMMERS	TS63	SF	Please contact vpecm.surveys@vishay.com				
TRANSDUCERS							
TRANS-MOTION TRANSDUCERS	Rotary precision potentiometers ROT SF & BF	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	Rotary precision potentiometers ECO	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers REC 38L, 50L, 34L	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers KIT	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers REC 115L, 139L ..	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	Rotary precision potentiometers ECS	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	Precision linear potentiometers REC 10, 14, 16 LA, LH	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	357 & 358	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	534-533-535	SF	Please contact VPECM.Surveys@Vishay.com				
TRANS-MOTION TRANSDUCERS	DIALS	SF	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
PLASMA DISPLAYS							
DISCRETE PLASMA DISPLAY	PD-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
PLASMA DISPLAY ASSEMBLIES	APD-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
PLASMA DISPLAY ASSEMBLIES	APE-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
TOUCH PANEL ASSEMBLIES	TIP-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
TOUCH PANEL ASSEMBLIES - RoHS-compliant	TIE-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
LED display modules	LED-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
LED display modules - RoHS-compliant	LEE-XXX	DL	Please contact VPECM.Surveys@Vishay.com				
LCD display modules	LCD M,G,X types	DL	Please contact VPECM.Surveys@Vishay.com				
LCD display modules - RoHS-compliant	LCD N,H,Y types	DL	Please contact VPECM.Surveys@Vishay.com				
Generic part numbers	28xxx-xx types	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
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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	Sternice
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
 n.a. indicates that the item is not applicable (no SVHCs)
This Document is subjected to change without prior notice