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PCN

Transfer of electroplating process for switching spark gaps and surge arresters in Johor Bahru

As our previous supplier for electroplating in Johor Bahru/Malaysia has decided to stop the electroplating production, all EPCOS surge arresters and switching spark gaps manufactured in Johor Bahru will be transferred to our new supplier for electroplating.

The qualification was successfully performed according to IATF 16949 requirements. The investigations for internal release showed no effects on the plating characteristics. The established control will consequently not be changed. All quality assurance measures will be maintained.

The electrical and mechanical characteristics of the products, as well as the delivery time, remain unchanged.

Samples and test reports are available upon request.

Affected products

Ordering code	Type
B88069X0210S102	SSG2X-1
B88069X0250S102	SSG1X-1
B88069X0260S102	SSG3X-1
B88069X0270S102	SSG5X-1
B88069X0340T103	FS08X-1GH
B88069X0340T502	FS08X-1GH
B88069X0350B103	FS08XJ
B88069X0400S102	FS04X-1JM
B88069X0410T502	FS04X-1JMG
B88069X1083B502	T21-A90XF1PH
B88069X1103B502	T21-A350XPH
B88069X1283B502	T23B-A600X
B88069X1293B502	T80-C500X
B88069X1300B502	T3C-A250XF
B88069X1303S102	FS08HF0B1A
B88069X1303T502	FS08HF0B1A
B88069X1310B502	T3C-A250XF9
B88069X1343B502	KX61-A90X
B88069X1353S102	FS1.8X-1
B88069X1353T502	FS1.8X-1
B88069X1360C103	A81-C90X
B88069X1380S102	A81-C90X
B88069X1393B502	KX61-A350X

TDK Electronics AG

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PPD
Arresters
 Internal / External

220916PPD1e

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B88069X1410C103	A80-C90X
B88069X1420C102	A83-A230X
B88069X1450C102	A83-C90X
B88069X1460B502	T3C-A250XCF9
B88069X1470B502	T33-A350X
B88069X1473B502	T85L-A350XF4B
B88069X1500S102	A81-A250X
B88069X1630T602	A80-C90XSMD
B88069X1663B502	A72-H45XB3
B88069X1670B502	T82-A230XF1
B88069X1683S102	EHV62-H36
B88069X1683T502	EHV62-H36
B88069X1693B252	EHV62-H36B2
B88069X1713B502	T97A-A90X1F1
B88069X1743B502	T97A-A230X1F1
B88069X1763B502	T97A-A420X1F1
B88069X1793S102	EHV62-H45
B88069X1793T502	EHV62-H45
B88069X1803B502	T35-A90XS
B88069X1823T902	T90-A150XSMD
B88069X1893S102	EHV62-H25
B88069X1893T502	EHV62-H25
B88069X1973T902	T90-A75XSMD
B88069X2010S102	L71-A470X
B88069X2010T502	L71-A470X
B88069X2023B252	EHV63-H25B2
B88069X2030S102	L71-A270X
B88069X2030T502	L71-A270X
B88069X2033A802	EHV63-H25T7
B88069X2040S102	L71-A800X
B88069X2043B502	EHV63-H30B2
B88069X2053B252	EHV63-H30B7
B88069X2060S102	L71-A470XU
B88069X2063A802	EHV63-H30T7
B88069X2073B502	EHV63-H36B2
B88069X2083B252	EHV63-H36B7
B88069X2090S102	A71-H12X
B88069X2093A802	EHV63-H36T7
B88069X2103T502	EHV62-H40
B88069X2123B502	T20-C260XCF
B88069X2133B502	T83-C500X
B88069X2140C403	A60-A230X
B88069X2140S102	A71-H08X
B88069X2140T502	A71-H08X
B88069X2143T113	TE90-A90XSMD
B88069X2143T802	TE90-A90XSMD
B88069X2160T502	A71-H08XG

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B88069X2160T502	A71-H08XG
B88069X2180S102	A71-H14X
B88069X2190S102	A71-H25X
B88069X2190T502	A71-H25X
B88069X2200S102	A71-H35X
B88069X2200T502	A71-H35X
B88069X2213B252	EHV62-H36B1
B88069X2240C103	A80-A230X
B88069X2261B252	T31-A90X
B88069X2271B502	T33-A90X
B88069X2323B502	T33-A90X8
B88069X2331T902	T90-A90XSMD
B88069X2391B502	T80-A90XF
B88069X2393T113	TE90-A230XSMD
B88069X2393T802	TE90-A230XSMD
B88069X2400C103	A60-A230XF
B88069X2420B502	T85-A350XF1
B88069X2430T702	T30-A90XG
B88069X2443B502	T33-A350X8
B88069X2450T702	T30-A350XG
B88069X2540C102	A61-A230XF
B88069X2553S102	EHV63-H30
B88069X2553T502	EHV63-H30
B88069X2563T502	EHV63-H40
B88069X2573T502	EHV63-H45
B88069X2580S102	FS08X-1JM
B88069X2583S102	EHV63-H27
B88069X2590S102	A71-H45X
B88069X2590T502	A71-H45X
B88069X2600S102	A71-H45X (X260)
B88069X2610S102	A71-H16X
B88069X2611B502	T35-A230XS
B88069X2613C103	A60-A250XF
B88069X2620S102	A71-H55X
B88069X2620T502	A71-H55X
B88069X2633B252	EHV63-H40B2
B88069X2643B252	EHV63-H45B2
B88069X2653B252	T91-A90X
B88069X2663B502	T21-H09XSL
B88069X2670T902	T90-A420XSMD
B88069X2690S102	L71-A620XZ
B88069X2701S102	A71-H15X
B88069X2710B502	T83-A260X
B88069X2733T502	EHV63-H25
B88069X2743T702	T30-A230XFSMD
B88069X2763S102	A71-H25XE
B88069X2763T502	A71-H25XE

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B88069X2783B252	EHV63-H36B6
B88069X2791B502	T22-A230X2
B88069X2793S102	EHV62-H27
B88069X2793T502	EHV62-H27
B88069X2801B102	A61-A300XTF1
B88069X2850C103	A81-C600X
B88069X2860C102	A83-A350X
B88069X2863T302	LN8A-A800DC-5
B88069X2870T502	A81-A600XG
B88069X2873B252	A71-H08XT15
B88069X2880S102	A81-A600X
B88069X2880T502	A81-A600X
B88069X2883T702	T3M-A230XFSMD
B88069X2890C102	A83-A600X
B88069X2900C103	A80-A600X
B88069X2903B502	T27S-A420XF1
B88069X2920C103	A80-A250X
B88069X2943B252	EHV62-H40B3
B88069X2953A802	EHV63-H45T7
B88069X3003T502	EHV63-H36
B88069X3010T702	T30-A230XG
B88069X3020C253	T30-A260X
B88069X3020T702	T30-A260XG
B88069X3030C253	T30-A90X (LP)
B88069X3040C253	T30-A420X
B88069X3043B502	T93-A90XF1
B88069X3050T702	T30-A420XG
B88069X3060C253	T30-A230X
B88069X3070C203	T30-A500X
B88069X3080B502	T35-A230X
B88069X3090B252	T31-A350X
B88069X3103S102	A91-H62SE
B88069X3103T702	A91-H62SE
B88069X3110B502	T35-A350X
B88069X3113B502	T21-A90XPH
B88069X3120T702	T30-A90XG
B88069X3130B102	T31-A230X
B88069X3130B252	T31-A230X
B88069X3133B502	T97A-A75X
B88069X3150B502	T32-A230XF
B88069X3153B502	T3M-C420X
B88069X3160B502	T35-A230XF
B88069X3163T502	T20-C600X
B88069X3163T502	T20-C600X
B88069X3180C253	T30-A350X
B88069X3190B502	T38-A230XFA
B88069X3240B502	T3K-A420X

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B88069X3250B502	T3K-A230XF
B88069X3263B252	EHV62-H25B1
B88069X3270B502	T35-A350XF4
B88069X3280B502	T32-A230X
B88069X3320T502	FS08X-1G
B88069X3340S102	FS08X-1
B88069X3343B252	EHV63-H25B1
B88069X3350T502	FS1X-1G
B88069X3353S102	L71-C800X
B88069X3353T502	L71-C800X
B88069X3400S102	FS1X-1
B88069X3423B502	T97A-A75XF1
B88069X3440S102	FS5,5X-1
B88069X3443S102	A91-H75SE
B88069X3443T702	A91-H75SE
B88069X3450T502	FS1X-1G
B88069X3453A802	EHV63-H40T7
B88069X3493A802	EHV63-H08T7
B88069X3500T502	A71-H14XG
B88069X3503B252	EHV63-H40B1
B88069X3513B252	EHV63-H30B1
B88069X3521B502	T27-A420X
B88069X3551B502	T23-A230XF7
B88069X3560T502	FS08X-1JG
B88069X3561B502	T83L-A230XF4
B88069X3563S102	EHV63-H08
B88069X3571B502	T23L-A230XF4
B88069X3573B502	T20-C420XCF
B88069X3580B502	T38-A230XF
B88069X3601S102	A81-C390XZ
B88069X3611B502	T23-A420X (T27)
B88069X3613B252	EHV62-H40B2
B88069X3620S102	FS03X-1
B88069X3630T502	FS03X-1G
B88069X3640C502	FS1X-1
B88069X3650C253	T30-A230XC
B88069X3650T702	T30-A230XC
B88069X3651T502	T20-A230XSMDN
B88069X3653B502	T93-A230XF1
B88069X3660T502	FS06X-1NG
B88069X3663B502	T93-A90X
B88069X3683B502	T93A-A230X
B88069X3683B502	T93A-A230X
B88069X3690S102	FS06X-1N
B88069X3713T702	T91-A90XPH2
B88069X3723T702	T91-A600XPH2
B88069X3733B252	T21-A90X

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B88069X3741B502	T2B-A350XF1
B88069X3753T702	T30-A90XFSMD
B88069X3763B252	EHV62-H36B1A
B88069X3771B502	T83-A500XF4
B88069X3780B162	T66-C350X
B88069X3783T902	T90-A90XSMD4
B88069X3790T502	FS08X-1JG
B88069X3810C103	A70-H08X
B88069X3820S102	A71-H10X
B88069X3830C103	A70-H10X
B88069X3840T502	A81-C90XG
B88069X3873T902	T90-A600XSMD
B88069X3880T502	A71-H10XG
B88069X3921B502	T89-A350XF1
B88069X3930T103	FS08X-1GB
B88069X3931C502	A71-H16XB
B88069X3951C253	T30-A250X
B88069X3971B502	T33-A250XF1
B88069X3983A802	EHV63-H10T7
B88069X4030T902	T90-A350XSMD
B88069X4033T602	FS08HSF1BSMD
B88069X4051T902	T90-A90XFSMD
B88069X4060B502	T38-A230XF4A
B88069X4063B502	A71-H35XB
B88069X4101B502	T23-C420X
B88069X4111C502	FS08X-1JMP
B88069X4123B502	T93-A75X
B88069X4161B502	T29-A350X
B88069X4193S102	EHV62-H30
B88069X4193T502	EHV62-H30
B88069X4213B502	T25-A230XSL
B88069X4253B252	EHV62-H36B4
B88069X4260B502	T2ES-A350X
B88069X4323B252	EHV62-H30B1
B88069X4350C102	A83-A150X
B88069X4360C102	A83-A170X
B88069X4383S102	L71-C950X
B88069X4383T502	L71-C950X
B88069X4451T302	T88-A90XSMDN
B88069X4461T302	T88-A230XSMDN
B88069X4470C102	A61-A350XF
B88069X4471B502	T32-A420X
B88069X4503B502	A71-H27XB
B88069X4531B502	T23-A350X*
B88069X4541B502	T23-A420X*
B88069X4591B502	T22-A230X
B88069X4601B502	T22-A230XF1

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B88069X4661T502	FS08X-1JMVG
B88069X4701B502	T27-A700XPH
B88069X4721B502	ER3-A350XF1
B88069X4733S102	A71-H25XE
B88069X4733T502	A71-H25XE
B88069X4771T702	T30-A230XF SMD
B88069X4803T702	TC30-A90XSMD4
B88069X4891C202	T10-C500X
B88069X4900C103	N80-A230X
B88069X4900C403	N80-A230X
B88069X4901B502	T23-A450XF4
B88069X4921B502	T23-C470X
B88069X4961T702	T30-A420XSMD
B88069X4973B252	EHV62-H40B1
B88069X5033T702	T30-A250XSMD
B88069X5050B202	T21-C500X
B88069X5051B502	T23-A260XCF4
B88069X5073S102	A71-H35X
B88069X5073T502	A71-H35X
B88069X5101B502	T23-A420XCF4
B88069X5120B252	T21-A350X
B88069X5120B252	T21-A350X
B88069X5123T502	T80-A90XSMD
B88069X5131B102	T6B-C350X
B88069X5140B502	T83-A230XSF4
B88069X5160B502	T23-C500XS
B88069X5161T502	FS08X-1JGS
B88069X5283T902	T90-A90XSMD4E
B88069X5301B502	T25-C470XD
B88069X5311T502	FS08X-1JHS
B88069X5371B152	T8T-A260XL
B88069X5400S102	FS08X-1JM
B88069X5450B502	T33-A250XCF1
B88069X5470C253	T90-A90X
B88069X5471B502	T23-A400XF4
B88069X5480C253	T90-A350X
B88069X5481B502	KX61-A200X
B88069X5490B502	T30-A230XF
B88069X5490T702	T30-A230XF
B88069X5493B502	T32-C420XF1R
B88069X5500B502	T23-C250XF1
B88069X5521S102	FS08X-1JS
B88069X5521T103	FS08X-1JGS
B88069X5521T502	FS08X-1JGS
B88069X5543T602	FS08HF1BSMD
B88069X5561B502	T25-C420XF4
B88069X5563B252	EHV62-H45B3

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B88069X5610B162	T69-C350X
B88069X5623S102	FS08HF0B1A
B88069X5623T502	FS08HF0B1A
B88069X5631C203	T80-A90XD
B88069X5631T502	T80-A90XD
B88069X5671B502	T27-A900X
B88069X5681T502	T20-C230XC
B88069X5681T502	T20-C230XC
B88069X5723B502	T85L-A420X
B88069X5750B502	T33-C230XCF1
B88069X5821B502	T83-A230XF4
B88069X5831C502	A83-A230X
B88069X5833T502	A71-H55X
B88069X5841C103	A80-A230X
B88069X5850B502	T32-A350XF1R
B88069X5860T902	T90-A90XG
B88069X5870B502	T87-A90X
B88069X5883S102	FS08CX-1JM
B88069X5893S102	FS5,5CX-1
B88069X5903S102	SSG3CX-1
B88069X5903T502	SSG3CX-1
B88069X5910T902	T90-A170XFSDM
B88069X5913S102	SSG5CX-1
B88069X5930T502	T80-A90XSMDN
B88069X5950B502	T83-A450X
B88069X5980T502	FS08X-1JGS
B88069X5983B502	T8D2-C600X
B88069X6000T502	FS03X-1GS
B88069X6003S102	FS1.8CX-1
B88069X6003T502	FS1.8CX-1
B88069X6030C103	A80-A230XC
B88069X6040C103	A80-A350XC
B88069X6043S102	SSG2CX-1
B88069X6050B502	T83-A260XL
B88069X6073S102	SSG08CHF0B1
B88069X6073T502	SSG08CHF0B1
B88069X6100T702	T30-A230X
B88069X6110T702	T30-A420X
B88069X6193B242	T2B1-A350XF1
B88069X6201B502	T23-A420XF1
B88069X6220B502	T23-A230XPH
B88069X6231B502	T23-A250XF7
B88069X6243B252	EHV62-H36B1B
B88069X6261B502	T83-A350XF4B
B88069X6350T602	A80-A75XSMD
B88069X6371C203	ET5-A230X
B88069X6433B502	T27B-A230X

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B88069X6460B502	T3D-A230XF1
B88069X6483T602	SSG08HF1BSMD
B88069X6490B502	T23-A230XSF1
B88069X6500B502	T23-A230XS
B88069X6510C202	T10-C350X
B88069X6521B502	T22-A90XF1
B88069X6573B502	T2B-C420XF1
B88069X6573B502	T2B-C420XF1
B88069X6583A802	EHV62-H10T7
B88069X6593A802	EHV62-H25T7
B88069X6660T902	T90-A230XG
B88069X6673S102	FS07CHSF0B1
B88069X6673T502	FS07CHSF0B1
B88069X6680T902	T90-A230XSMD
B88069X6690T902	T90-A230XF SMD
B88069X6700C253	T90-A230X
B88069X6701S102	A71-H16X
B88069X6710C253	T90-A230XF
B88069X6721S102	FS1.8X-1
B88069X6721T502	FS1.8X-1
B88069X6731T702	T30-A230XSMD
B88069X6763B502	T85-A260X
B88069X6783A802	EHV62-H05T7
B88069X6793B252	EHV62-H10B1
B88069X6893B252	A71-H10XB5
B88069X6901S102	A71-H18X
B88069X6911S102	A71-H20X
B88069X6913S102	SSG03CX-1J
B88069X6913T502	SSG03CX-1J
B88069X6923T502	FS06CX-1NG
B88069X6930B202	T21-C230XC
B88069X6960B502	T27-A350XF1
B88069X6980C203	T60-A420X
B88069X6990B102	T63-C650X
B88069X6991B502	T85-A420X
B88069X7000B502	T23-A350XF4
B88069X7011B502	T23-A230XF4
B88069X7021C502	A83-C90X
B88069X7023T502	FS04CX-1JMG
B88069X7040B502	T25-C230XK
B88069X7041T902	T90-A420XSMD
B88069X7050B502	T25-A250X
B88069X7080B102	T23-A260XS
B88069X7100C203	T20-A420X (CNET)
B88069X7101B502	T2N-A90XF1
B88069X7110C203	T20-A260X
B88069X7111B502	T2N-A250XF1

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B88069X7120C203	T60-A260X
B88069X7140B502	T23-A420XF4
B88069X7183S102	FS1CX-1
B88069X7183T502	FS1CX-1
B88069X7190B502	T23-A350XC
B88069X7200B502	T23-A350X
B88069X7200B502	T23-A350X
B88069X7214S102	FS04CX-1JM
B88069X7220B502	T23-A230XFR
B88069X7230B102	T61-C650X
B88069X7233S102	FS06CX-1N
B88069X7240B502	T23-A350XF1
B88069X7243T502	T39-A90X
B88069X7260C203	T60-C650X
B88069X7270B502	T22-A230FR
B88069X7301S102	SSG04AF0B1
B88069X7301T502	SSG04AF0B1
B88069X7320C203	T20-A350X
B88069X7320C502	T20-A350X
B88069X7391T602	FS08HF1BSMD
B88069X7401B502	T83-A75X
B88069X7403B502	T25-A90X
B88069X7411T502	SSG06HF0B1
B88069X7431C203	T80-A260X
B88069X7450C502	T60-C350X
B88069X7460B102	T63-C350X
B88069X7463B252	EHV62-H45B1
B88069X7480B202	T4N-A230XFV
B88069X7483B502	T23-A90XF1
B88069X7503S102	FS1.8X-1 (X7503)
B88069X7540B202	T21-A230XF1
B88069X7540B202	T21-A230XF1
B88069X7553B252	EHV62-H25B1
B88069X7563B502	T85L-A260X
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B88069X7720B102	T27-A250XF1L
B88069X7720B202	T27-A250XF1L
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B88069X7750B502	T25-A350X
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B88069X7890B502	T83-C600X
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B88069X7960B502	T83-A420X
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B88069X7990B502	T83-A300X
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B88069X8010B502	T20-A250XIFP
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B88069X8100B502	T23-A350XCF4
B88069X8110B502	T23-C230XKF1
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B88069X8261S102	A71-H62XS
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B88069X8360T502	T80-A90X
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B88069X8390B502	T80-A350XF
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B88069X8431B502	EB3-C230XF1
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B88069X8511B202	T21-C600XF1
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B88069X8920B252	T21-A230X
B88069X8940B502	T20-C230XR
B88069X8970B502	T22-C200X

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B88069X9041B102	T85-A90X
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B88069X9070B502	T87-C600X
B88069X9081T702	T30-A230XFSMD
B88069X9120B502	T83-A350XF4
B88069X9150B502	T25-A230XF4
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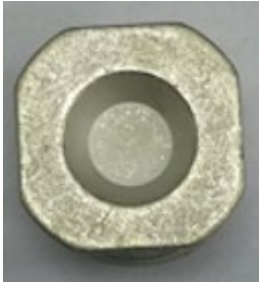
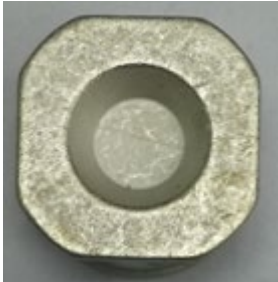
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B88069X9950C502	T67-C350X
B88069X9960B102	T65-C350X
BB8069X1733B502	T97A-A230X1

Scheduled date of change: January 1, 2023
(or earlier, with written approval by the customer)

Estimated date of first deliveries: January 1, 2023

September 16, 2022

Comparison of previous and new plating

Previous subcontractor plating	New subcontractor plating
	
	
	

Enclosure PCN (ID No. PPD011/ T127)

Contact Wong Huan Chee, PPD AB PM, Johor Bahru

Customers are asked to address inquiries directly to their sales contacts.

Product / Process Change Notification

1. ID No. PPD011/ T127		2. Date of announcement September 16, 2022	
3. Product / product group Surge arresters and switching spark gaps produced in JB plant only	Old ordering code see UPtoDATE	New ordering code no change	Customer part number N/A
4. Description of change The electroplating process for surge arresters and switching spark gaps of our subcontractor located in Johor Bahru/Malaysia decided to terminate the production of electroplating. All EPCOS surge arresters and switching spark gaps manufactured in Johor Bahru/Malaysia will be transferred to our new subcontractor for electroplating process.			
5. Effect on the product or for the customer (benefit, quality, specification, lead time) The electrical and mechanical characteristics remain unaffected by these changes. The delivery times remain unchanged.			
6. Quality assurance measures / risk assessment The qualification was successfully performed according to IATF 16949 requirements. The investigations for internal release showed no effects on the mechanical characteristics as a consequence of the change described in item 4. The established control plans will consequently not be changed. All quality assurance measures will be maintained. Samples are available on request.			
7. Scheduled date of change January 1, 2023 (or earlier with written approval)			
8. Estimated date of first delivery of changed product January 1, 2023 If TDK Electronics AG does not receive notification to the contrary within a period of 10 weeks, TDK Electronics AG assumes that the customer agrees to the change. <input checked="" type="checkbox"/> For an interim period we cannot rule out that old as well as new products will be shipped. <input type="checkbox"/> Future shipments can consist of old and new products as the new changed product is used as an alternative to the old product.			
Quality Management Name Johann Reiterer		Signature Signed Reiterer	
Product Marketing Name Wong Huan Chee Tel. +607 3566 666 E-mail huanchee.wong@tdk-electronics.tdk.com		Signature Signed Wong	

Customer feedback	
Customer acknowledgement	Signature