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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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 Chairman of the Supervisory Board: Dr. Werner Faber  
 Management Board: Dr. Werner Lohwasser, Chairman · Juergen Holzinger · Joachim Thiele  
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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-A230XFSDM |
| 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-A170XF5MD |
| 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      |
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| B88069X6690T902 | T90-A230XFSMD    |
| 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      |
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| 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       |
| B88069X7573B502 | A71-H38XB        |
| B88069X7630B502 | T25-A230XFR      |
| B88069X7640B502 | T25-C230XFR      |
| B88069X7650B502 | T22-A250XFR      |
| B88069X7670B502 | T25-A420X        |
| B88069X7670B502 | T25-A420X        |
| B88069X7700B102 | T61-C350X        |
| B88069X7720B102 | T27-A250XF1L     |
| B88069X7720B202 | T27-A250XF1L     |
| B88069X7721T702 | EB81-A90XSMD     |
| B88069X7740B502 | T25-C230XCF4     |
| B88069X7750B502 | T25-A350X        |
| B88069X7771T502 | SSG08HF0B1       |

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| B88069X7781B502 | T2P-A900X     |
| B88069X7820C203 | T20-A420X     |
| B88069X7861B502 | T2C-C350X     |
| B88069X7890B502 | T83-C600X     |
| B88069X7910C203 | T80-A420X     |
| B88069X7931T702 | T30-H11XSMD   |
| B88069X7950B102 | T68-C350X     |
| B88069X7960B502 | T83-A420X     |
| B88069X7970B502 | T83-A420XF4   |
| B88069X7990B502 | T83-A300X     |
| B88069X7991B502 | T22-A230XH    |
| B88069X8010B502 | T20-A250XIFP  |
| B88069X8031S102 | FS07HSF0B1    |
| B88069X8031T502 | FS07HSF0B1    |
| B88069X8040B502 | T23-C350X     |
| B88069X8050B102 | T63-C350XS    |
| B88069X8061T602 | FS08HF1BSMD   |
| B88069X8070B502 | T23-A420X     |
| B88069X8070B502 | T23-A420X     |
| B88069X8071B502 | T27-A400XS    |
| B88069X8080B502 | T20-A230XFP   |
| B88069X8090B502 | T23-A230XCF4  |
| B88069X8100B502 | T23-A350XCF4  |
| B88069X8110B502 | T23-C230XKF1  |
| B88069X8120B502 | T23-C600X     |
| B88069X8150B502 | T23-C230XKRF1 |
| B88069X8160B502 | T23-C350XS    |
| B88069X8170C203 | T80-A250X     |
| B88069X8171T602 | FS09HF2B1SL   |
| B88069X8190B502 | T80-A250XFP   |
| B88069X8220B502 | T80-A230XFP   |
| B88069X8230B502 | T80-A250XF    |
| B88069X8241B502 | T2B-A230XF1   |
| B88069X8250B502 | T83-A260XF4   |
| B88069X8261S102 | A71-H62XS     |
| B88069X8261T502 | A71-H62XS     |
| B88069X8300B502 | T83-A90X      |
| B88069X8301B202 | T81-A90XF1    |
| B88069X8321T502 | FS08X-1JG     |
| B88069X8330T302 | T88-A90XSMD   |
| B88069X8340B502 | T83-A250X     |
| B88069X8350B502 | T83-A90XF4    |
| B88069X8360C203 | T80-A90X      |
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| B88069X8380B502 | T80-A230XF    |
| B88069X8390B502 | T80-A350XF    |
| B88069X8430B502 | T83-A90XF1    |

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| B88069X8470B252 | T81-A230X     |
| B88069X8491B202 | T81-A350XF1   |
| B88069X8491B252 | T81-A350XF1   |
| B88069X8500C203 | T80-A350X     |
| B88069X8511B202 | T21-C600XF1   |
| B88069X8520B502 | T84-A230XF6   |
| B88069X8521B502 | T23-C600XF1   |
| B88069X8530B502 | T83-C600X     |
| B88069X8550B502 | T87-C600X     |
| B88069X8561T702 | T30-A90XSMD   |
| B88069X8590B502 | T23-C200XF4   |
| B88069X8630B502 | T25-A230XF1   |
| B88069X8630B502 | T25-A230XF1   |
| B88069X8650B502 | T23-A90X      |
| B88069X8650B502 | T23-A90X      |
| B88069X8680B502 | T23-A230XF1   |
| B88069X8690B102 | T83-A350X     |
| B88069X8690B502 | T83-A350X     |
| B88069X8700C203 | T20-C230X     |
| B88069X8710C203 | T20-A230X     |
| B88069X8710C252 | T20-A230X     |
| B88069X8720B502 | T20-A230XF    |
| B88069X8731B502 | T8D-C600X     |
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| B88069X8740B502 | T23-A230X     |
| B88069X8750B502 | T23-A230XF4   |
| B88069X8760B502 | T20-A250XFP   |
| B88069X8780B502 | T22-A250XF4   |
| B88069X8810C203 | T20-A250X     |
| B88069X8820B102 | T61-C600X     |
| B88069X8830B102 | T63-C600X     |
| B88069X8840B502 | T23-A250X     |
| B88069X8850B502 | T87-A350X     |
| B88069X8860B502 | T23-A250XF4   |
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| B88069X8870B102 | T83-A230XF4   |
| B88069X8870B502 | T83-A230XF4   |
| B88069X8900B502 | T87-A230X     |
| B88069X8900B502 | T87-A230X     |
| B88069X8910B102 | T83-A230X     |
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| B88069X8920B252 | T21-A230X     |
| B88069X8940B502 | T20-C230XR    |
| B88069X8970B502 | T22-C200X     |

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| B88069X8971C103 | A70-H16X      |
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| B88069X8990B502 | T83-A250XF4   |
| B88069X9041B102 | T85-A90X      |
| B88069X9041B502 | T85-A90X      |
| B88069X9070B502 | T87-C600X     |
| B88069X9081T702 | T30-A230XFSMD |
| B88069X9120B502 | T83-A350XF4   |
| B88069X9150B502 | T25-A230XF4   |
| B88069X9190B252 | T81-A350X     |
| B88069X9191C103 | A80-C90XC     |
| B88069X9201T502 | FS1.8X-1      |
| B88069X9230B502 | T85-A350XF4   |
| B88069X9251T702 | T30-A230XSMD  |
| B88069X9260B502 | T85-A230XF4   |
| B88069X9261T702 | T30-A230XFSMD |
| B88069X9270B502 | T85-A260XF4   |
| B88069X9290B502 | T25-A230X     |
| B88069X9300B252 | T21-A230XPH   |
| B88069X9320B102 | T2S-A260XF4   |
| B88069X9330B502 | T23-A230XC    |
| B88069X9360B502 | T80-A350XFP   |
| B88069X9370B502 | T23-A260XF4   |
| B88069X9370B502 | T23-A260XF4   |
| B88069X9380C203 | T80-A230X     |
| B88069X9391T502 | A71-H63XS     |
| B88069X9410B502 | T83-A350XF1   |
| B88069X9420B502 | T83-A230XF1   |
| B88069X9510B502 | T23-C230XC    |
| B88069X9511B103 | T22-C260XCF4  |
| B88069X9511B103 | T22-C260XCF4  |
| B88069X9511B502 | T22-C260XCF4  |
| B88069X9520B502 | T84-C200X     |
| B88069X9540B502 | T2N-C350XS    |
| B88069X9550B502 | T33-A230XF1   |
| B88069X9560B502 | T32-A230XF1R  |
| B88069X9580B202 | T81-A150X     |
| B88069X9590B502 | T83-A150X     |
| B88069X9680B252 | T81-A230XF4   |
| B88069X9691B502 | T23-A250XF1   |
| B88069X9700B502 | T21-A700XPH   |
| B88069X9701T702 | T30-A250XFSMD |
| B88069X9711B103 | T22-C420XCF4  |
| B88069X9720B502 | T85-A230XF1   |
| B88069X9750B502 | T25-C350XS    |
| B88069X9770T502 | SSG5X-1OG     |
| B88069X9790B502 | T23-A260X     |

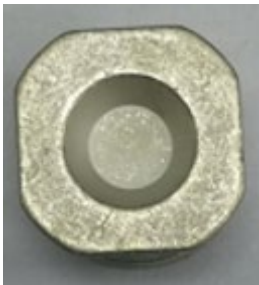
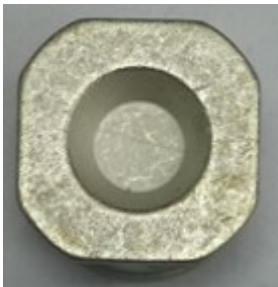
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| B88069X9800B502 | T33-A230X    |
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| B88069X9890B502 | T3S-A230XF1  |
| B88069X9891C103 | A70-H15X     |
| B88069X9900B502 | T23-A420XF4  |
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| B88069X9930B502 | T83-A150XF1  |
| B88069X9931B502 | T93S-A230X1  |
| B88069X9941B502 | T93A-A90X1   |
| B88069X9950C502 | T67-C350X    |
| B88069X9960B102 | T65-C350X    |
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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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                          |                                                   |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------|------------------------------------|
| <b>1. ID No.</b> PPD011/ T127                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          | <b>2. Date of announcement</b> September 16, 2022 |                                    |
| <b>3. Product / product group</b><br>Surge arresters and switching spark gaps produced in JB plant only                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Old ordering code</b><br>see UPtoDATE | <b>New ordering code</b><br>no change             | <b>Customer part number</b><br>N/A |
| <b>4. Description of change</b><br>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.<br>All EPCOS surge arresters and switching spark gaps manufactured in Johor Bahru/Malaysia will be transferred to our new subcontractor for electroplating process.                                                                                                                                                       |                                          |                                                   |                                    |
| <b>5. Effect on the product or for the customer (benefit, quality, specification, lead time)</b><br>The electrical and mechanical characteristics remain unaffected by these changes.<br>The delivery times remain unchanged.                                                                                                                                                                                                                                                                                                                    |                                          |                                                   |                                    |
| <b>6. Quality assurance measures / risk assessment</b><br>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.<br>Samples are available on request.                                                                                             |                                          |                                                   |                                    |
| <b>7. Scheduled date of change</b> January 1, 2023 (or earlier with written approval)                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                                   |                                    |
| <b>8. Estimated date of first delivery of changed product</b> January 1, 2023<br>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.<br><input checked="" type="checkbox"/> For an interim period we cannot rule out that old as well as new products will be shipped.<br><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<br>Name Johann Reiterer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          | Signature<br>Signed Reiterer                      |                                    |
| Product Marketing<br>Name Wong Huan Chee<br>Tel. +607 3566 666<br>E-mail huanchee.wong@tdk-electronics.tdk.com                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          | Signature<br>Signed Wong                          |                                    |

### Customer feedback

**Customer acknowledgement**

Signature