

Product Change Notification



Date: Oct 13, 2021

Subject: Product Change Notification for TDK's Ceramic Capacitors

Dear Distributor Partner,

Thank you for your business and continued support for TDK's ceramic capacitors. This letter is to inform you of the product status changes in the TDK MLCC catalog for two specific groups of part numbers: [1] End Of Life (EOL), [2] Not Recommend for New Design (NRND).

1. End Of Life (EOL)

The products listed in **Table 1** have been revised from **Production** to ***End of Life (EOL)*** with Last Time Buy dates established below. In most cases EOL addresses the natural decline in market sales/profitability, but may identify a consolidation of the product portfolio as well. Unfortunately, some of the items do not have alternative; however, TDK is committed to working closely with you to minimize any impact this change may have.

2. Not Recommend for New Design (NRND)

The part numbers in **Table 2** are revised from **Production** to ***Not Recommended for New Design (NRND)***. NRND is a production status classification that indicates a part number is approaching the end of its product life cycle. It is not EOL, rather NRND represents the period between Mass Production and EOL. In most cases NRND addresses the natural decline in market sales/profitability, but may identify a consolidation of the product portfolio as well. NRND items are still supported by TDK in mass production; however, long term support is not guaranteed nor are these items recommended for new designs. EOL and LTB Dates have not been established at this time; TDK will distribute separate EOL Notices when this occurs.

The latest status will be viewable on the TDK website: <https://product.tdk.com/info/en/index.html>

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Table 1. Production status revised to End of Life (EOL)

| # | Catalog PN | TDK Item Description | LTB Date | EOL Date | Alternative | Comments |
|----|-------------------|----------------------|----------|-----------|-------------------|---|
| 1 | CK45-R3FD222K-VRA | CK45-R3FD222K-VRA | 4/1/2022 | 10/1/2022 | - | - |
| 2 | CK45-R3AD101KAGRA | CK45-R3AD101KAGRA2C | 4/1/2022 | 10/1/2022 | - | - |
| 3 | CK45-R3AD101KANRA | CK45-R3AD101KANRA2C | 4/1/2022 | 10/1/2022 | - | - |
| 4 | CK45-R3AD101KAVRA | CK45-R3AD101KAVRA8C | 4/1/2022 | 10/1/2022 | - | - |
| 5 | CK45-R3AD101K-GRA | CK45-R3AD101K-GRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD101JYGNA | Alternative is 6.5mm, 5% tolerance item |
| 6 | CK45-R3AD101K-NRA | CK45-R3AD101K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD101JYNNA | Alternative is 6.5mm, 5% tolerance item |
| 7 | CK45-R3AD101K-VRA | CK45-R3AD101K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD101JYVNA | Alternative is 6.5mm, 5% tolerance item |
| 8 | CK45-R3AD102KAGRA | CK45-R3AD102KAGRA8C | 4/1/2022 | 10/1/2022 | - | - |
| 9 | CK45-R3AD102KANRA | CK45-R3AD102KANRA8C | 4/1/2022 | 10/1/2022 | - | - |
| 10 | CK45-R3AD102KAVRA | CK45-R3AD102KAVRA4C | 4/1/2022 | 10/1/2022 | - | - |
| 11 | CK45-R3AD102K-GRA | CK45-R3AD102K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 12 | CK45-R3AD102K-NRA | CK45-R3AD102K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 13 | CK45-R3AD102K-VRA | CK45-R3AD102K-VRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 14 | CK45-R3AD151KAGRA | CK45-R3AD151KAGRA3C | 4/1/2022 | 10/1/2022 | - | - |
| 15 | CK45-R3AD151KANRA | CK45-R3AD151KANRA3C | 4/1/2022 | 10/1/2022 | - | - |
| 16 | CK45-R3AD151KAVRA | CK45-R3AD151KAVRA9C | 4/1/2022 | 10/1/2022 | - | - |
| 17 | CK45-R3AD151K-GRA | CK45-R3AD151K-GRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD151JYGNA | Alternative is 7.5mm, 5% tolerance item |
| 18 | CK45-R3AD151K-NRA | CK45-R3AD151K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD151JYNNA | Alternative is 7.5mm, 5% tolerance item |
| 19 | CK45-R3AD151K-VRA | CK45-R3AD151K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD151JYVNA | Alternative is 7.5mm, 5% tolerance item |
| 20 | CK45-R3AD152KAGRA | CK45-R3AD152KAGRA9C | 4/1/2022 | 10/1/2022 | - | - |
| 21 | CK45-R3AD152KANRA | CK45-R3AD152KANRA9C | 4/1/2022 | 10/1/2022 | - | - |
| 22 | CK45-R3AD152KAVRA | CK45-R3AD152KAVRA | 4/1/2022 | 10/1/2022 | - | - |
| 23 | CK45-R3AD152K-GRA | CK45-R3AD152K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 24 | CK45-R3AD152K-NRA | CK45-R3AD152K-NRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 25 | CK45-R3AD152K-VRA | CK45-R3AD152K-VRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 26 | CK45-R3AD221KAGRA | CK45-R3AD221KAGRA4C | 4/1/2022 | 10/1/2022 | - | - |
| 27 | CK45-R3AD221KANRA | CK45-R3AD221KANRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 28 | CK45-R3AD221KAVRA | CK45-R3AD221KAVRA0C | 4/1/2022 | 10/1/2022 | - | - |
| 29 | CK45-R3AD221K-GRA | CK45-R3AD221K-GRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD221JYGNA | Alternative is 8.5mm, 5% tolerance item |
| 30 | CK45-R3AD221K-NRA | CK45-R3AD221K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD221JYNNA | Alternative is 8.5mm, 5% tolerance item |
| 31 | CK45-R3AD221K-VRA | CK45-R3AD221K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD221JYVNA | Alternative is 8.5mm, 5% tolerance item |
| 32 | CK45-R3AD222KAGRA | CK45-R3AD222KAGRA0C | 4/1/2022 | 10/1/2022 | - | - |
| 33 | CK45-R3AD222KANRA | CK45-R3AD222KANRA0C | 4/1/2022 | 10/1/2022 | - | - |
| 34 | CK45-R3AD222KAVRA | CK45-R3AD222KAVRA9C | 4/1/2022 | 10/1/2022 | - | - |
| 35 | CK45-R3AD222K-GRA | CK45-R3AD222K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 36 | CK45-R3AD222K-NRA | CK45-R3AD222K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 37 | CK45-R3AD222K-VRA | CK45-R3AD222K-VRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 38 | CK45-R3AD331KAGRA | CK45-R3AD331KAGRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 39 | CK45-R3AD331KANRA | CK45-R3AD331KANRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 40 | CK45-R3AD331KAVRA | CK45-R3AD331KAVRA1C | 4/1/2022 | 10/1/2022 | - | - |
| 41 | CK45-R3AD331K-GRA | CK45-R3AD331K-GRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD331JYGNA | Alternative is 10mm, 5% tolerance item |

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| # | Catalog PN | TDK Item Description | LTB Date | EOL Date | Alternative | Comments |
|----|-------------------|----------------------|----------|-----------|-------------------|--|
| 42 | CK45-R3AD331K-NRA | CK45-R3AD331K-NRA0C | 4/1/2022 | 10/1/2022 | CC45SL3AD331JYNNA | Alternative is 10mm, 5% tolerance item |
| 43 | CK45-R3AD331K-VRA | CK45-R3AD331K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD331JYVNA | Alternative is 10mm, 5% tolerance item |
| 44 | CK45-R3AD471KAGRA | CK45-R3AD471KAGRA6C | 4/1/2022 | 10/1/2022 | - | - |
| 45 | CK45-R3AD471KANRA | CK45-R3AD471KANRA62 | 4/1/2022 | 10/1/2022 | - | - |
| 46 | CK45-R3AD471KAVRA | CK45-R3AD471KAVRA2C | 4/1/2022 | 10/1/2022 | - | - |
| 47 | CK45-R3AD471K-GRA | CK45-R3AD471K-GRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD471JYGNA | Alternative is 11.5mm, 7.5mm LS, 5% tolerance item |
| 48 | CK45-R3AD471K-NRA | CK45-R3AD471K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD471JYNNA | Alternative is 11.5mm, 7.5mm LS, 5% tolerance item |
| 49 | CK45-R3AD471K-VRA | CK45-R3AD471K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3AD471JYVNA | Alternative is 11.5mm, 7.5mm LS, 5% tolerance item |
| 50 | CK45-R3AD681KAGRA | CK45-R3AD681KAGRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 51 | CK45-R3AD681KANRA | CK45-R3AD681KANRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 52 | CK45-R3AD681KAVRA | CK45-R3AD681KAVRA3C | 4/1/2022 | 10/1/2022 | - | - |
| 53 | CK45-R3AD681K-GRA | CK45-R3AD681K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 54 | CK45-R3AD681K-NRA | CK45-R3AD681K-NRA1C | 4/1/2022 | 10/1/2022 | - | - |
| 55 | CK45-R3AD681K-VRA | CK45-R3AD681K-VRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 56 | CK45-R3DD101KAGRA | CK45-R3DD101KAGRA1C | 4/1/2022 | 10/1/2022 | - | - |
| 57 | CK45-R3DD101KANRA | CK45-R3DD101KANRA1C | 4/1/2022 | 10/1/2022 | - | - |
| 58 | CK45-R3DD101KAVRA | CK45-R3DD101KAVRA6C | 4/1/2022 | 10/1/2022 | - | - |
| 59 | CK45-R3DD101K-GRA | CK45-R3DD101K-GRA8C | 4/1/2022 | 10/1/2022 | CC45SL3DD101JYGNA | Alternative is 7.5mm, 5% tolerance item |
| 60 | CK45-R3DD101K-NRA | CK45-R3DD101K-NRA3C | 4/1/2022 | 10/1/2022 | CC45SL3DD101JYNNA | Alternative is 7.5mm, 5% tolerance item |
| 61 | CK45-R3DD101K-VRA | CK45-R3DD101K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3DD101JYVNA | Alternative is 7.5mm, 5% tolerance item |
| 62 | CK45-R3DD102KAGRA | CK45-R3DD102KAGRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 63 | CK45-R3DD102KANRA | CK45-R3DD102KANRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 64 | CK45-R3DD102KAVRA | CK45-R3DD102KAVRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 65 | CK45-R3DD102K-GRA | CK45-R3DD102K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 66 | CK45-R3DD102K-NRA | CK45-R3DD102K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 67 | CK45-R3DD102K-VRA | CK45-R3DD102K-VRAGB | 4/1/2022 | 10/1/2022 | - | - |
| 68 | CK45-R3DD151KAGRA | CK45-R3DD151KAGRA2C | 4/1/2022 | 10/1/2022 | - | - |
| 69 | CK45-R3DD151KANRA | CK45-R3DD151KANRA2C | 4/1/2022 | 10/1/2022 | - | - |
| 70 | CK45-R3DD151KAVRA | CK45-R3DD151KAVRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 71 | CK45-R3DD151K-GRA | CK45-R3DD151K-GRA5C | 4/1/2022 | 10/1/2022 | CC45SL3DD151JYGNA | Alternative is 8.5mm, 5% tolerance item |
| 72 | CK45-R3DD151K-NRA | CK45-R3DD151K-NRA3C | 4/1/2022 | 10/1/2022 | CC45SL3DD151JYNNA | Alternative is 8.5mm, 5% tolerance item |
| 73 | CK45-R3DD151K-VRA | CK45-R3DD151K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3DD151JYVNA | Alternative is 8.5mm, 5% tolerance item |
| 74 | CK45-R3DD152K-GRA | CK45-R3DD152K-GRA8C | 4/1/2022 | 10/1/2022 | - | - |
| 75 | CK45-R3DD152K-NRA | CK45-R3DD152K-NRA6C | 4/1/2022 | 10/1/2022 | - | - |
| 76 | CK45-R3DD152K-VRA | CK45-R3DD152K-VRA2C | 4/1/2022 | 10/1/2022 | - | - |
| 77 | CK45-R3DD221KAGRA | CK45-R3DD221KAGRA3C | 4/1/2022 | 10/1/2022 | - | - |
| 78 | CK45-R3DD221KANRA | CK45-R3DD221KANRA3C | 4/1/2022 | 10/1/2022 | - | - |
| 79 | CK45-R3DD221KAVRA | CK45-R3DD221KAVRA8C | 4/1/2022 | 10/1/2022 | - | - |
| 80 | CK45-R3DD221K-GRA | CK45-R3DD221K-GRA3C | 4/1/2022 | 10/1/2022 | CC45SL3DD221JYGNA | Alternative is 10mm, 5% tolerance item |
| 81 | CK45-R3DD221K-NRA | CK45-R3DD221K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3DD221JYNNA | Alternative is 10mm, 5% tolerance item |
| 82 | CK45-R3DD221K-VRA | CK45-R3DD221K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3DD221JYVNA | Alternative is 10mm, 5% tolerance item |

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| # | Catalog PN | TDK Item Description | LTB Date | EOL Date | Alternative | Comments |
|-----|-------------------|----------------------|----------|-----------|-------------------|--|
| 83 | CK45-R3DD222K-GRA | CK45-R3DD222K-GRA9C | 4/1/2022 | 10/1/2022 | - | - |
| 84 | CK45-R3DD222K-NRA | CK45-R3DD222K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 85 | CK45-R3DD222K-VRA | CK45-R3DD222K-VRAGF | 4/1/2022 | 10/1/2022 | - | - |
| 86 | CK45-R3DD331KAGRA | CK45-R3DD331KAGRA4C | 4/1/2022 | 10/1/2022 | - | - |
| 87 | CK45-R3DD331KANRA | CK45-R3DD331KANRA4C | 4/1/2022 | 10/1/2022 | - | - |
| 88 | CK45-R3DD331KAVRA | CK45-R3DD331KAVRA9C | 4/1/2022 | 10/1/2022 | - | - |
| 89 | CK45-R3DD331K-GRA | CK45-R3DD331K-GRA6C | 4/1/2022 | 10/1/2022 | CC45SL3DD331JYGNA | Alternative is 11.5mm, 7.5mm LS, 5% tolerance item |
| 90 | CK45-R3DD331K-NRA | CK45-R3DD331K-NRA4C | 4/1/2022 | 10/1/2022 | CC45SL3DD331JYNNA | Alternative is 11.5mm, 7.5mm LS, 5% tolerance item |
| 91 | CK45-R3DD331K-VRA | CK45-R3DD331K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3DD331JYVNA | Alternative is 11.5mm, 7.5mm LS, 5% tolerance item |
| 92 | CK45-R3DD471KAGRA | CK45-R3DD471KAGRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 93 | CK45-R3DD471KANRA | CK45-R3DD471KANRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 94 | CK45-R3DD471KAVRA | CK45-R3DD471KAVRA0C | 4/1/2022 | 10/1/2022 | - | - |
| 95 | CK45-R3DD471K-GRA | CK45-R3DD471K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 96 | CK45-R3DD471K-NRA | CK45-R3DD471K-NRA8C | 4/1/2022 | 10/1/2022 | - | - |
| 97 | CK45-R3DD471K-VRA | CK45-R3DD471K-VRAGG | 4/1/2022 | 10/1/2022 | - | - |
| 98 | CK45-R3DD681KAGRA | CK45-R3DD681KAGRA6C | 4/1/2022 | 10/1/2022 | - | - |
| 99 | CK45-R3DD681KANRA | CK45-R3DD681KANRA6C | 4/1/2022 | 10/1/2022 | - | - |
| 100 | CK45-R3DD681KAVRA | CK45-R3DD681KAVRA1C | 4/1/2022 | 10/1/2022 | - | - |
| 101 | CK45-R3DD681K-GRA | CK45-R3DD681K-GRA3C | 4/1/2022 | 10/1/2022 | - | - |
| 102 | CK45-R3DD681K-NRA | CK45-R3DD681K-NRA52 | 4/1/2022 | 10/1/2022 | - | - |
| 103 | CK45-R3DD681K-VRA | CK45-R3DD681K-VRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 104 | CK45-R3FD101K-GRA | CK45-R3FD101K-GRA2C | 4/1/2022 | 10/1/2022 | CC45SL3FD101JYGNA | Alternative is 8.5mm, 5% tolerance item |
| 105 | CK45-R3FD101K-NRA | CK45-R3FD101K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3FD101JYNNA | Alternative is 8.5mm, 5% tolerance item |
| 106 | CK45-R3FD101K-VRA | CK45-R3FD101K-VRA02 | 4/1/2022 | 10/1/2022 | CC45SL3FD101JYVNA | Alternative is 8.5mm, 5% tolerance item |
| 107 | CK45-R3FD102K-GRA | CK45-R3FD102K-GRA72 | 4/1/2022 | 10/1/2022 | - | - |
| 108 | CK45-R3FD102K-NRA | CK45-R3FD102K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 109 | CK45-R3FD102K-VRA | CK45-R3FD102K-VRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 110 | CK45-R3FD151K-GRA | CK45-R3FD151K-GRA3C | 4/1/2022 | 10/1/2022 | CC45SL3FD151JYGNA | Alternative is 10mm, 5% tolerance item |
| 111 | CK45-R3FD151K-NRA | CK45-R3FD151K-NRA0C | 4/1/2022 | 10/1/2022 | CC45SL3FD151JYNNA | Alternative is 10mm, 5% tolerance item |
| 112 | CK45-R3FD151K-VRA | CK45-R3FD151K-VRA9C | 4/1/2022 | 10/1/2022 | CC45SL3FD151JYVNA | Alternative is 10mm, 5% tolerance item |
| 113 | CK45-R3FD152K-GRA | CK45-R3FD152K-GRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 114 | CK45-R3FD152K-NRA | CK45-R3FD152K-NRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 115 | CK45-R3FD152K-VRA | CK45-R3FD152K-VRA82 | 4/1/2022 | 10/1/2022 | - | - |
| 116 | CK45-R3FD221K-GRA | CK45-R3FD221K-GRA4C | 4/1/2022 | 10/1/2022 | CC45SL3FD221JYGNA | Alternative is 12mm, 5% tolerance item |
| 117 | CK45-R3FD221K-NRA | CK45-R3FD221K-NRA02 | 4/1/2022 | 10/1/2022 | CC45SL3FD221JYNNA | Alternative is 12mm, 5% tolerance item |
| 118 | CK45-R3FD221K-VRA | CK45-R3FD221K-VRA42 | 4/1/2022 | 10/1/2022 | CC45SL3FD221JYVNA | Alternative is 12mm, 5% tolerance item |
| 119 | CK45-R3FD222K-GRA | CK45-R3FD222K-GRA92 | 4/1/2022 | 10/1/2022 | - | - |
| 120 | CK45-R3FD222K-NRA | CK45-R3FD222K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 121 | CK45-R3FD331K-GRA | CK45-R3FD331K-GRA5C | 4/1/2022 | 10/1/2022 | - | - |
| 122 | CK45-R3FD331K-NRA | CK45-R3FD331K-NRA22 | 4/1/2022 | 10/1/2022 | - | - |
| 123 | CK45-R3FD331K-VRA | CK45-R3FD331K-VRA0C | 4/1/2022 | 10/1/2022 | - | - |

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| # | Catalog PN | TDK Item Description | LTB Date | EOL Date | Alternative | Comments |
|-----|-------------------|----------------------|----------|-----------|-------------|----------|
| 124 | CK45-R3FD471K-GRA | CK45-R3FD471K-GRA6C | 4/1/2022 | 10/1/2022 | - | - |
| 125 | CK45-R3FD471K-NRA | CK45-R3FD471K-NRA02 | 4/1/2022 | 10/1/2022 | - | - |
| 126 | CK45-R3FD471K-VRA | CK45-R3FD471K-VRA52 | 4/1/2022 | 10/1/2022 | - | - |
| 127 | CK45-R3FD681K-GRA | CK45-R3FD681K-GRA7C | 4/1/2022 | 10/1/2022 | - | - |
| 128 | CK45-R3FD681K-NRA | CK45-R3FD681K-NRA4C | 4/1/2022 | 10/1/2022 | - | - |
| 129 | CK45-R3FD681K-VRA | CK45-R3FD681K-VRA6C | 4/1/2022 | 10/1/2022 | - | - |

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Table 2. Production status revised to Not Recommend for New Design (NRND)

| # | Catalog PN | TDK Item Description | NRND Date | Alternative Suggestion | Alternative Comments |
|----|---------------------|----------------------|------------|------------------------|----------------------|
| 1 | C4532X7S3A103K160KE | C4532X7S3A103KT000S | 10/13/2021 | - | No Alternative |
| 2 | C4532X7S3A103M160KE | C4532X7S3A103MT000S | 10/13/2021 | - | No Alternative |
| 3 | CC45SL3JD030CYGNA | CC45SL3JD030CYGNA | 10/13/2021 | - | No Alternative |
| 4 | CC45SL3JD030CYNNA | CC45SL3JD030CYNNA | 10/13/2021 | - | No Alternative |
| 5 | CC45SL3JD030CYVNA | CC45SL3JD030CYVNA | 10/13/2021 | - | No Alternative |
| 6 | CD45SL2GA100JYGKA | CD45SL2GA100JYGKA | 10/13/2021 | - | No Alternative |
| 7 | CD45SL2GA100JYNKA | CD45SL2GA100JYNKA | 10/13/2021 | - | No Alternative |
| 8 | CD45SL2GA150JYGKA | CD45SL2GA150JYGKA | 10/13/2021 | - | No Alternative |
| 9 | CD45SL2GA150JYNKA | CD45SL2GA150JYNKA | 10/13/2021 | - | No Alternative |
| 10 | CD45SL2GA220JYGKA | CD45SL2GA220JYGKA | 10/13/2021 | - | No Alternative |
| 11 | CD45SL2GA220JYNKA | CD45SL2GA220JYNKA | 10/13/2021 | - | No Alternative |
| 12 | CD45SL2GA330JYGKA | CD45SL2GA330JYGKA | 10/13/2021 | - | No Alternative |
| 13 | CD45SL2GA330JYNKA | CD45SL2GA330JYNKA | 10/13/2021 | - | No Alternative |
| 14 | CD45SL2GA470JYGKA | CD45SL2GA470JYGKA | 10/13/2021 | - | No Alternative |
| 15 | CD45SL2GA470JYNKA | CD45SL2GA470JYNKA | 10/13/2021 | - | No Alternative |
| 16 | CD45SL2GA680JYGKA | CD45SL2GA680JYGKA | 10/13/2021 | - | No Alternative |
| 17 | CD45SL2GA680JYNKA | CD45SL2GA680JYNKA | 10/13/2021 | - | No Alternative |
| 18 | CS45SL2GA100JYGKA | CS45SL2GA100JYGKA | 10/13/2021 | - | No Alternative |
| 19 | CS45SL2GA100JYNKA | CS45SL2GA100JYNKA | 10/13/2021 | - | No Alternative |
| 20 | CS45SL2GA100JYVKA | CS45SL2GA100JYVKA | 10/13/2021 | - | No Alternative |
| 21 | CS45SL2GA150JYGKA | CS45SL2GA150JYGKA | 10/13/2021 | - | No Alternative |
| 22 | CS45SL2GA150JYNKA | CS45SL2GA150JYNKA | 10/13/2021 | - | No Alternative |
| 23 | CS45SL2GA150JYVKA | CS45SL2GA150JYVKA | 10/13/2021 | - | No Alternative |
| 24 | CS45SL2GA220JYGKA | CS45SL2GA220JYGKA | 10/13/2021 | - | No Alternative |
| 25 | CS45SL2GA220JYNKA | CS45SL2GA220JYNKA | 10/13/2021 | - | No Alternative |
| 26 | CS45SL2GA220JYVKA | CS45SL2GA220JYVKA | 10/13/2021 | - | No Alternative |
| 27 | CS45SL2GA330JYGKA | CS45SL2GA330JYGKA | 10/13/2021 | - | No Alternative |
| 28 | CS45SL2GA330JYNKA | CS45SL2GA330JYNKA | 10/13/2021 | - | No Alternative |
| 29 | CS45SL2GA330JYVKA | CS45SL2GA330JYVKA | 10/13/2021 | - | No Alternative |
| 30 | CS45SL2GA470JYGKA | CS45SL2GA470JYGKA | 10/13/2021 | - | No Alternative |
| 31 | CS45SL2GA470JYNKA | CS45SL2GA470JYNKA | 10/13/2021 | - | No Alternative |
| 32 | CS45SL2GA470JYVKA | CS45SL2GA470JYVKA | 10/13/2021 | - | No Alternative |
| 33 | CS45SL2GA680JYGKA | CS45SL2GA680JYGKA | 10/13/2021 | - | No Alternative |
| 34 | CS45SL2GA680JYNKA | CS45SL2GA680JYNKA | 10/13/2021 | - | No Alternative |
| 35 | CS45SL2GA680JYVKA | CS45SL2GA680JYVKA | 10/13/2021 | - | No Alternative |
| 36 | C3216X7S3A102K085AE | C3216X7S3A102KT000S | 10/13/2021 | - | No Alternative |
| 37 | C3216X7S3A102M085AE | C3216X7S3A102MT000S | 10/13/2021 | - | No Alternative |
| 38 | C3216X7S3D471K130AE | C3216X7S3D471KT000S | 10/13/2021 | - | No Alternative |
| 39 | C3216X7S3D471M130AE | C3216X7S3D471MT000S | 10/13/2021 | - | No Alternative |
| 40 | C5750X7S3D103K250KE | C5750X7S3D103KT000S | 10/13/2021 | - | No Alternative |

Product Change Notification



| # | Catalog PN | TDK Item Description | NRND Date | Alternative Suggestion | Alternative Comments |
|----|----------------------|----------------------|------------|------------------------|----------------------|
| 41 | C5750X7S3D103M250KE | C5750X7S3D103MT000S | 10/13/2021 | - | No Alternative |
| 42 | CGA5F1X7S3A102K085AE | CGA5F1X7S3A102KT0Y0S | 10/13/2021 | - | No Alternative |
| 43 | CGA5F1X7S3A102M085AE | CGA5F1X7S3A102MT0Y0S | 10/13/2021 | - | No Alternative |
| 44 | CGA5K1X7S3A222K130AA | CGA5K1X7S3A222KT0Y0N | 10/13/2021 | - | No Alternative |
| 45 | CGA5K1X7S3A222M130AA | CGA5K1X7S3A222MT0Y0N | 10/13/2021 | - | No Alternative |
| 46 | CGA5K1X7S3D471K130AA | CGA5K1X7S3D471KT0Y0N | 10/13/2021 | - | No Alternative |
| 47 | CGA5K1X7S3D471K130AE | CGA5K1X7S3D471KT0Y0S | 10/13/2021 | - | No Alternative |
| 48 | CGA5K1X7S3D471M130AA | CGA5K1X7S3D471MT0Y0N | 10/13/2021 | - | No Alternative |
| 49 | CGA5K1X7S3D471M130AE | CGA5K1X7S3D471MT0Y0S | 10/13/2021 | - | No Alternative |
| 50 | CGA6L1X7S3A472K160AA | CGA6L1X7S3A472KT0Y0N | 10/13/2021 | - | No Alternative |
| 51 | CGA6L1X7S3A472M160AA | CGA6L1X7S3A472MT0Y0N | 10/13/2021 | - | No Alternative |
| 52 | CGA6M1X7S3D102K200AA | CGA6M1X7S3D102KT0Y0N | 10/13/2021 | - | No Alternative |
| 53 | CGA6M1X7S3D102M200AA | CGA6M1X7S3D102MT0Y0N | 10/13/2021 | - | No Alternative |
| 54 | CGA6P1X7S3D222K250AA | CGA6P1X7S3D222KT0Y0N | 10/13/2021 | - | No Alternative |
| 55 | CGA6P1X7S3D222M250AA | CGA6P1X7S3D222MT0Y0N | 10/13/2021 | - | No Alternative |
| 56 | CGA7L1X7S3A222K160KA | CGA7L1X7S3A222KT0Y0N | 10/13/2021 | - | No Alternative |
| 57 | CGA7L1X7S3A222M160KA | CGA7L1X7S3A222MT0Y0N | 10/13/2021 | - | No Alternative |
| 58 | CGA7L1X7S3A472K160KA | CGA7L1X7S3A472KT0Y0N | 10/13/2021 | - | No Alternative |
| 59 | CGA7L1X7S3A472M160KA | CGA7L1X7S3A472MT0Y0N | 10/13/2021 | - | No Alternative |
| 60 | CGA8L1X7S3A103K160KA | CGA8L1X7S3A103KT0Y0N | 10/13/2021 | - | No Alternative |
| 61 | CGA8L1X7S3A103K160KE | CGA8L1X7S3A103KT0Y0S | 10/13/2021 | - | No Alternative |
| 62 | CGA8L1X7S3A103M160KA | CGA8L1X7S3A103MT0Y0N | 10/13/2021 | - | No Alternative |
| 63 | CGA8L1X7S3A103M160KE | CGA8L1X7S3A103MT0Y0S | 10/13/2021 | - | No Alternative |
| 64 | CGA8L1X7S3D222K160KA | CGA8L1X7S3D222KT0Y0N | 10/13/2021 | - | No Alternative |
| 65 | CGA8L1X7S3D222M160KA | CGA8L1X7S3D222MT0Y0N | 10/13/2021 | - | No Alternative |
| 66 | CGA9L1X7S3A223K160KA | CGA9L1X7S3A223KT0Y0N | 10/13/2021 | - | No Alternative |
| 67 | CGA9L1X7S3A223M160KA | CGA9L1X7S3A223MT0Y0N | 10/13/2021 | - | No Alternative |
| 68 | CGA9M1X7S3D472K200KA | CGA9M1X7S3D472KT0Y0N | 10/13/2021 | - | No Alternative |
| 69 | CGA9M1X7S3D472M200KA | CGA9M1X7S3D472MT0Y0N | 10/13/2021 | - | No Alternative |
| 70 | CGA9P1X7S3A473K250KA | CGA9P1X7S3A473KT0Y0N | 10/13/2021 | - | No Alternative |
| 71 | CGA9P1X7S3A473M250KA | CGA9P1X7S3A473MT0Y0N | 10/13/2021 | - | No Alternative |
| 72 | CGA9P1X7S3D103K250KA | CGA9P1X7S3D103KT0Y0N | 10/13/2021 | - | No Alternative |
| 73 | CGA9P1X7S3D103K250KE | CGA9P1X7S3D103KT0Y0S | 10/13/2021 | - | No Alternative |
| 74 | CGA9P1X7S3D103M250KA | CGA9P1X7S3D103MT0Y0N | 10/13/2021 | - | No Alternative |
| 75 | CGA9P1X7S3D103M250KE | CGA9P1X7S3D103MT0Y0S | 10/13/2021 | - | No Alternative |