

**DISTRIBUTION**

Issue Date: 2019/9/25

TDK Corporation

MAGNETICS BG

GM

Teppei Watanabe

**Process Change Notice****VLF-MT series: Extending of last shipment date****Dear Distributor Partner,**

Thank you for your business and continued interest in TDK's magnetics products.

This letter is to inform you of the production status change for the following attached list of products.

As part of a revised strategy in order to retain the balance of the product mix, the products included in this document have been selected to update its lifecycle status as follows:

**Subject: Extending the Last Time Buy date and final shipment date.**

| Series Affected | Last Shipment extending                                                                                                                              | Comments                                              |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| VLF-MT          | <p>Date of Last Time Buy order</p> <p>March 29, 2019 to March 29, 2021</p> <p>Last shipment date</p> <p>September 30, 2019 to September 30, 2021</p> | Please refer to attached list for detailed parts list |

Thank you for your understating.

Sincerely yours

Teppei Watanabe

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Product Marketing, Magnetism Business Group  
TDK Electronics Components Business Group

## TDK Lifecycle Description

Detailed description of TDK Lifecycle stages.

- Inductors

[https://product.tdk.com/en/search/inductor/inductor/lead/part\\_no/](https://product.tdk.com/en/search/inductor/inductor/lead/part_no/)

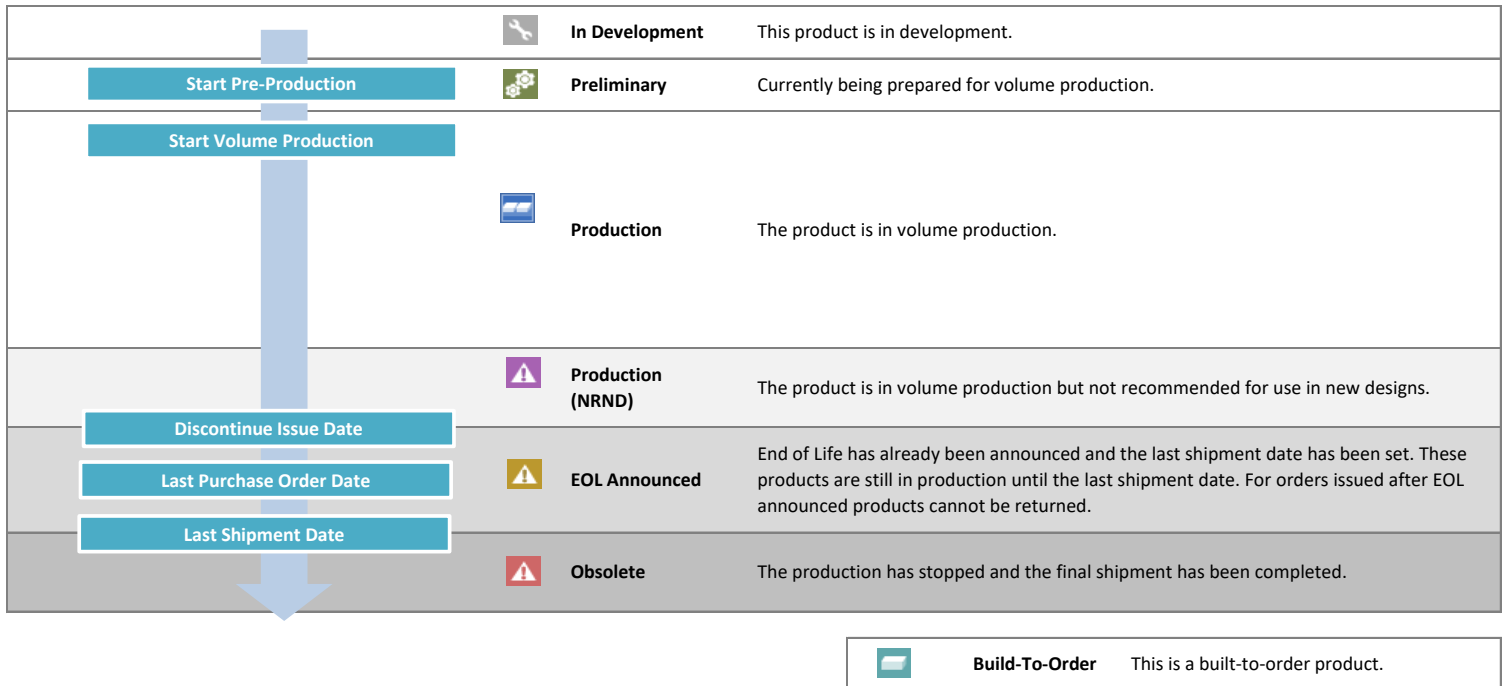
- EMC Components

- Ferrite Beads

- [https://product.tdk.com/en/search/emc/emc/beads/part\\_no/](https://product.tdk.com/en/search/emc/emc/beads/part_no/)

- Common Mode Filters

- [https://product.tdk.com/en/search/emc/emc/cmf\\_cmc/part\\_no/](https://product.tdk.com/en/search/emc/emc/cmf_cmc/part_no/)



### List of the Applicable Part No.

| No. | Customer Item Number | TDK Item name       | Original Last Shipment Date | Updated Last Shipment Date |
|-----|----------------------|---------------------|-----------------------------|----------------------------|
| 1   | VLF252010MT-100M     | VLF252010MT-100M    | 2019/9/30                   | 2021/9/30                  |
| 2   | VLF252010MT-100M-CA  | VLF252010MT-100M-CA | 2019/9/30                   | 2021/9/30                  |
| 3   | VLF252010MT-150M     | VLF252010MT-150M    | 2019/9/30                   | 2021/9/30                  |
| 4   | VLF252010MT-150M-CA  | VLF252010MT-150M-CA | 2019/9/30                   | 2021/9/30                  |
| 5   | VLF252010MT-1R0N     | VLF252010MT-1R0N    | 2019/9/30                   | 2021/9/30                  |
| 6   | VLF252010MT-1R0N-CA  | VLF252010MT-1R0N-CA | 2019/9/30                   | 2021/9/30                  |
| 7   | VLF252010MT-1R5N     | VLF252010MT-1R5N    | 2019/9/30                   | 2021/9/30                  |
| 8   | VLF252010MT-1R5N-CA  | VLF252010MT-1R5N-CA | 2019/9/30                   | 2021/9/30                  |
| 9   | VLF252010MT-220M     | VLF252010MT-220M    | 2019/9/30                   | 2021/9/30                  |
| 10  | VLF252010MT-220M-CA  | VLF252010MT-220M-CA | 2019/9/30                   | 2021/9/30                  |
| 11  | VLF252010MT-2R2M     | VLF252010MT-2R2M    | 2019/9/30                   | 2021/9/30                  |
| 12  | VLF252010MT-2R2M-CA  | VLF252010MT-2R2M-CA | 2019/9/30                   | 2021/9/30                  |
| 13  | VLF252010MT-3R3M     | VLF252010MT-3R3M    | 2019/9/30                   | 2021/9/30                  |
| 14  | VLF252010MT-3R3M-CA  | VLF252010MT-3R3M-CA | 2019/9/30                   | 2021/9/30                  |
| 15  | VLF252010MT-4R7M     | VLF252010MT-4R7M    | 2019/9/30                   | 2021/9/30                  |
| 16  | VLF252010MT-4R7M-CA  | VLF252010MT-4R7M-CA | 2019/9/30                   | 2021/9/30                  |
| 17  | VLF252010MT-6R8M     | VLF252010MT-6R8M    | 2019/9/30                   | 2021/9/30                  |
| 18  | VLF252010MT-6R8M-CA  | VLF252010MT-6R8M-CA | 2019/9/30                   | 2021/9/30                  |
| 19  | VLF252010MT-R47N     | VLF252010MT-R47N    | 2019/9/30                   | 2021/9/30                  |
| 20  | VLF252010MT-R47N-CA  | VLF252010MT-R47N-CA | 2019/9/30                   | 2021/9/30                  |
| 21  | VLF252010MT-R68N     | VLF252010MT-R68N    | 2019/9/30                   | 2021/9/30                  |
| 22  | VLF252010MT-R68N-CA  | VLF252010MT-R68N-CA | 2019/9/30                   | 2021/9/30                  |
| 23  | VLF252012MT-100M     | VLF252012MT-100M    | 2019/9/30                   | 2021/9/30                  |
| 24  | VLF252012MT-100M-CA  | VLF252012MT-100M-CA | 2019/9/30                   | 2021/9/30                  |
| 25  | VLF252012MT-150M     | VLF252012MT-150M    | 2019/9/30                   | 2021/9/30                  |
| 26  | VLF252012MT-150M-CA  | VLF252012MT-150M-CA | 2019/9/30                   | 2021/9/30                  |
| 27  | VLF252012MT-1R0N     | VLF252012MT-1R0N    | 2019/9/30                   | 2021/9/30                  |
| 28  | VLF252012MT-1R0N-CA  | VLF252012MT-1R0N-CA | 2019/9/30                   | 2021/9/30                  |
| 29  | VLF252012MT-1R5N     | VLF252012MT-1R5N    | 2019/9/30                   | 2021/9/30                  |
| 30  | VLF252012MT-1R5N-CA  | VLF252012MT-1R5N-CA | 2019/9/30                   | 2021/9/30                  |
| 31  | VLF252012MT-220M     | VLF252012MT-220M    | 2019/9/30                   | 2021/9/30                  |
| 32  | VLF252012MT-220M-CA  | VLF252012MT-220M-CA | 2019/9/30                   | 2021/9/30                  |
| 33  | VLF252012MT-2R2M     | VLF252012MT-2R2M    | 2019/9/30                   | 2021/9/30                  |
| 34  | VLF252012MT-2R2M-CA  | VLF252012MT-2R2M-CA | 2019/9/30                   | 2021/9/30                  |
| 35  | VLF252012MT-3R3M     | VLF252012MT-3R3M    | 2019/9/30                   | 2021/9/30                  |
| 36  | VLF252012MT-3R3M-CA  | VLF252012MT-3R3M-CA | 2019/9/30                   | 2021/9/30                  |
| 37  | VLF252012MT-4R7M     | VLF252012MT-4R7M    | 2019/9/30                   | 2021/9/30                  |

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|----|---------------------|---------------------|-----------|-----------|
| 38 | VLF252012MT-4R7M-CA | VLF252012MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 39 | VLF252012MT-6R8M    | VLF252012MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 40 | VLF252012MT-6R8M-CA | VLF252012MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 41 | VLF252012MT-R47N    | VLF252012MT-R47N    | 2019/9/30 | 2021/9/30 |
| 42 | VLF252012MT-R47N-CA | VLF252012MT-R47N-CA | 2019/9/30 | 2021/9/30 |
| 43 | VLF252012MT-R68N    | VLF252012MT-R68N    | 2019/9/30 | 2021/9/30 |
| 44 | VLF252012MT-R68N-CA | VLF252012MT-R68N-CA | 2019/9/30 | 2021/9/30 |
| 45 | VLF252015MT-100M    | VLF252015MT-100M    | 2019/9/30 | 2021/9/30 |
| 46 | VLF252015MT-100M-CA | VLF252015MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 47 | VLF252015MT-150M    | VLF252015MT-150M    | 2019/9/30 | 2021/9/30 |
| 48 | VLF252015MT-150M-CA | VLF252015MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 49 | VLF252015MT-1R0N    | VLF252015MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 50 | VLF252015MT-1R0N-CA | VLF252015MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 51 | VLF252015MT-1R5N    | VLF252015MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 52 | VLF252015MT-1R5N-CA | VLF252015MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 53 | VLF252015MT-220M    | VLF252015MT-220M    | 2019/9/30 | 2021/9/30 |
| 54 | VLF252015MT-220M-CA | VLF252015MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 55 | VLF252015MT-2R2M    | VLF252015MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 56 | VLF252015MT-2R2M-CA | VLF252015MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 57 | VLF252015MT-3R3M    | VLF252015MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 58 | VLF252015MT-3R3M-CA | VLF252015MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 59 | VLF252015MT-4R7M    | VLF252015MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 60 | VLF252015MT-4R7M-CA | VLF252015MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 61 | VLF252015MT-6R8M    | VLF252015MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 62 | VLF252015MT-6R8M-CA | VLF252015MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 63 | VLF252015MT-R47N    | VLF252015MT-R47N    | 2019/9/30 | 2021/9/30 |
| 64 | VLF252015MT-R47N-CA | VLF252015MT-R47N-CA | 2019/9/30 | 2021/9/30 |
| 65 | VLF252015MT-R68N    | VLF252015MT-R68N    | 2019/9/30 | 2021/9/30 |
| 66 | VLF252015MT-R68N-CA | VLF252015MT-R68N-CA | 2019/9/30 | 2021/9/30 |
| 67 | VLF302510MT-100M    | VLF302510MT-100M    | 2019/9/30 | 2021/9/30 |
| 68 | VLF302510MT-100M-CA | VLF302510MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 69 | VLF302510MT-150M    | VLF302510MT-150M    | 2019/9/30 | 2021/9/30 |
| 70 | VLF302510MT-150M-CA | VLF302510MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 71 | VLF302510MT-1R0N    | VLF302510MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 72 | VLF302510MT-1R0N-CA | VLF302510MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 73 | VLF302510MT-1R5N    | VLF302510MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 74 | VLF302510MT-1R5N-CA | VLF302510MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 75 | VLF302510MT-220M    | VLF302510MT-220M    | 2019/9/30 | 2021/9/30 |
| 76 | VLF302510MT-220M-CA | VLF302510MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 77 | VLF302510MT-2R2M    | VLF302510MT-2R2M    | 2019/9/30 | 2021/9/30 |

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|-----|---------------------|---------------------|-----------|-----------|
| 78  | VLF302510MT-2R2M-CA | VLF302510MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 79  | VLF302510MT-3R3M    | VLF302510MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 80  | VLF302510MT-3R3M-CA | VLF302510MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 81  | VLF302510MT-4R7M    | VLF302510MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 82  | VLF302510MT-4R7M-CA | VLF302510MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 83  | VLF302510MT-6R8M    | VLF302510MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 84  | VLF302510MT-6R8M-CA | VLF302510MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 85  | VLF302512MT-100M    | VLF302512MT-100M    | 2019/9/30 | 2021/9/30 |
| 86  | VLF302512MT-100M-CA | VLF302512MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 87  | VLF302512MT-150M    | VLF302512MT-150M    | 2019/9/30 | 2021/9/30 |
| 88  | VLF302512MT-150M-CA | VLF302512MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 89  | VLF302512MT-1R0N    | VLF302512MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 90  | VLF302512MT-1R0N-CA | VLF302512MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 91  | VLF302512MT-1R5N    | VLF302512MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 92  | VLF302512MT-1R5N-CA | VLF302512MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 93  | VLF302512MT-220M    | VLF302512MT-220M    | 2019/9/30 | 2021/9/30 |
| 94  | VLF302512MT-220M-CA | VLF302512MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 95  | VLF302512MT-2R2M    | VLF302512MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 96  | VLF302512MT-2R2M-CA | VLF302512MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 97  | VLF302512MT-3R3M    | VLF302512MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 98  | VLF302512MT-3R3M-CA | VLF302512MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 99  | VLF302512MT-4R7M    | VLF302512MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 100 | VLF302512MT-4R7M-CA | VLF302512MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 101 | VLF302512MT-6R8M    | VLF302512MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 102 | VLF302512MT-6R8M-CA | VLF302512MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 103 | VLF302515MT-100M    | VLF302515MT-100M    | 2019/9/30 | 2021/9/30 |
| 104 | VLF302515MT-100M-CA | VLF302515MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 105 | VLF302515MT-150M    | VLF302515MT-150M    | 2019/9/30 | 2021/9/30 |
| 106 | VLF302515MT-150M-CA | VLF302515MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 107 | VLF302515MT-1R0N    | VLF302515MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 108 | VLF302515MT-1R0N-CA | VLF302515MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 109 | VLF302515MT-1R5N    | VLF302515MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 110 | VLF302515MT-1R5N-CA | VLF302515MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 111 | VLF302515MT-220M    | VLF302515MT-220M    | 2019/9/30 | 2021/9/30 |
| 112 | VLF302515MT-220M-CA | VLF302515MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 113 | VLF302515MT-2R2M    | VLF302515MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 114 | VLF302515MT-2R2M-CA | VLF302515MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 115 | VLF302515MT-3R3M    | VLF302515MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 116 | VLF302515MT-3R3M-CA | VLF302515MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 117 | VLF302515MT-4R7M    | VLF302515MT-4R7M    | 2019/9/30 | 2021/9/30 |

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|-----|---------------------|---------------------|-----------|-----------|
| 118 | VLF302515MT-4R7M-CA | VLF302515MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 119 | VLF302515MT-6R8M    | VLF302515MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 120 | VLF302515MT-6R8M-CA | VLF302515MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 121 | VLF302515MT-R47N    | VLF302515MT-R47N    | 2019/9/30 | 2021/9/30 |
| 122 | VLF302515MT-R47N-CA | VLF302515MT-R47N-CA | 2019/9/30 | 2021/9/30 |
| 123 | VLF403210MT-100M    | VLF403210MT-100M    | 2019/9/30 | 2021/9/30 |
| 124 | VLF403210MT-100M-CA | VLF403210MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 125 | VLF403210MT-150M    | VLF403210MT-150M    | 2019/9/30 | 2021/9/30 |
| 126 | VLF403210MT-150M-CA | VLF403210MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 127 | VLF403210MT-1R0N    | VLF403210MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 128 | VLF403210MT-1R0N-CA | VLF403210MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 129 | VLF403210MT-1R5N    | VLF403210MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 130 | VLF403210MT-1R5N-CA | VLF403210MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 131 | VLF403210MT-220M    | VLF403210MT-220M    | 2019/9/30 | 2021/9/30 |
| 132 | VLF403210MT-220M-CA | VLF403210MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 133 | VLF403210MT-2R2M    | VLF403210MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 134 | VLF403210MT-2R2M-CA | VLF403210MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 135 | VLF403210MT-3R3M    | VLF403210MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 136 | VLF403210MT-3R3M-CA | VLF403210MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 137 | VLF403210MT-4R7M    | VLF403210MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 138 | VLF403210MT-4R7M-CA | VLF403210MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 139 | VLF403210MT-6R8M    | VLF403210MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 140 | VLF403210MT-6R8M-CA | VLF403210MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 141 | VLF403212MT-100M    | VLF403212MT-100M    | 2019/9/30 | 2021/9/30 |
| 142 | VLF403212MT-100M-CA | VLF403212MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 143 | VLF403212MT-150M    | VLF403212MT-150M    | 2019/9/30 | 2021/9/30 |
| 144 | VLF403212MT-150M-CA | VLF403212MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 145 | VLF403212MT-1R0N    | VLF403212MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 146 | VLF403212MT-1R0N-CA | VLF403212MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 147 | VLF403212MT-1R5N    | VLF403212MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 148 | VLF403212MT-1R5N-CA | VLF403212MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 149 | VLF403212MT-220M    | VLF403212MT-220M    | 2019/9/30 | 2021/9/30 |
| 150 | VLF403212MT-220M-CA | VLF403212MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 151 | VLF403212MT-2R2M    | VLF403212MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 152 | VLF403212MT-2R2M-CA | VLF403212MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 153 | VLF403212MT-3R3M    | VLF403212MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 154 | VLF403212MT-3R3M-CA | VLF403212MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 155 | VLF403212MT-4R7M    | VLF403212MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 156 | VLF403212MT-4R7M-CA | VLF403212MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 157 | VLF403212MT-6R8M    | VLF403212MT-6R8M    | 2019/9/30 | 2021/9/30 |

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|-----|---------------------|---------------------|-----------|-----------|
| 158 | VLF403212MT-6R8M-CA | VLF403212MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 159 | VLF403215MT-100M    | VLF403215MT-100M    | 2019/9/30 | 2021/9/30 |
| 160 | VLF403215MT-100M-CA | VLF403215MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 161 | VLF403215MT-150M    | VLF403215MT-150M    | 2019/9/30 | 2021/9/30 |
| 162 | VLF403215MT-150M-CA | VLF403215MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 163 | VLF403215MT-1R0N    | VLF403215MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 164 | VLF403215MT-1R0N-CA | VLF403215MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 165 | VLF403215MT-1R5N    | VLF403215MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 166 | VLF403215MT-1R5N-CA | VLF403215MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 167 | VLF403215MT-220M    | VLF403215MT-220M    | 2019/9/30 | 2021/9/30 |
| 168 | VLF403215MT-220M-CA | VLF403215MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 169 | VLF403215MT-2R2M    | VLF403215MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 170 | VLF403215MT-2R2M-CA | VLF403215MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 171 | VLF403215MT-3R3M    | VLF403215MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 172 | VLF403215MT-3R3M-CA | VLF403215MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 173 | VLF403215MT-4R7M    | VLF403215MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 174 | VLF403215MT-4R7M-CA | VLF403215MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 175 | VLF403215MT-6R8M    | VLF403215MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 176 | VLF403215MT-6R8M-CA | VLF403215MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 177 | VLF504010MT-100M    | VLF504010MT-100M    | 2019/9/30 | 2021/9/30 |
| 178 | VLF504010MT-100M-CA | VLF504010MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 179 | VLF504010MT-150M    | VLF504010MT-150M    | 2019/9/30 | 2021/9/30 |
| 180 | VLF504010MT-150M-CA | VLF504010MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 181 | VLF504010MT-1R0N    | VLF504010MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 182 | VLF504010MT-1R0N-CA | VLF504010MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 183 | VLF504010MT-1R5N    | VLF504010MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 184 | VLF504010MT-1R5N-CA | VLF504010MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 185 | VLF504010MT-220M    | VLF504010MT-220M    | 2019/9/30 | 2021/9/30 |
| 186 | VLF504010MT-220M-CA | VLF504010MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 187 | VLF504010MT-2R2M    | VLF504010MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 188 | VLF504010MT-2R2M-CA | VLF504010MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 189 | VLF504010MT-3R3M    | VLF504010MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 190 | VLF504010MT-3R3M-CA | VLF504010MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 191 | VLF504010MT-4R7M    | VLF504010MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 192 | VLF504010MT-4R7M-CA | VLF504010MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 193 | VLF504010MT-6R8M    | VLF504010MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 194 | VLF504010MT-6R8M-CA | VLF504010MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 195 | VLF504010MT-R68N    | VLF504010MT-R68N    | 2019/9/30 | 2021/9/30 |
| 196 | VLF504010MT-R68N-CA | VLF504010MT-R68N-CA | 2019/9/30 | 2021/9/30 |
| 197 | VLF504012MT-100M    | VLF504012MT-100M    | 2019/9/30 | 2021/9/30 |

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| 198 | VLF504012MT-100M-CA | VLF504012MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 199 | VLF504012MT-150M    | VLF504012MT-150M    | 2019/9/30 | 2021/9/30 |
| 200 | VLF504012MT-150M-CA | VLF504012MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 201 | VLF504012MT-1R0N    | VLF504012MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 202 | VLF504012MT-1R0N-CA | VLF504012MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 203 | VLF504012MT-1R5N    | VLF504012MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 204 | VLF504012MT-1R5N-CA | VLF504012MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 205 | VLF504012MT-220M    | VLF504012MT-220M    | 2019/9/30 | 2021/9/30 |
| 206 | VLF504012MT-220M-CA | VLF504012MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 207 | VLF504012MT-2R2M    | VLF504012MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 208 | VLF504012MT-2R2M-CA | VLF504012MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 209 | VLF504012MT-3R3M    | VLF504012MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 210 | VLF504012MT-3R3M-CA | VLF504012MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 211 | VLF504012MT-4R7M    | VLF504012MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 212 | VLF504012MT-4R7M-CA | VLF504012MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 213 | VLF504012MT-6R8M    | VLF504012MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 214 | VLF504012MT-6R8M-CA | VLF504012MT-6R8M-CA | 2019/9/30 | 2021/9/30 |
| 215 | VLF504015MT-100M    | VLF504015MT-100M    | 2019/9/30 | 2021/9/30 |
| 216 | VLF504015MT-100M-CA | VLF504015MT-100M-CA | 2019/9/30 | 2021/9/30 |
| 217 | VLF504015MT-150M    | VLF504015MT-150M    | 2019/9/30 | 2021/9/30 |
| 218 | VLF504015MT-150M-CA | VLF504015MT-150M-CA | 2019/9/30 | 2021/9/30 |
| 219 | VLF504015MT-1R0N    | VLF504015MT-1R0N    | 2019/9/30 | 2021/9/30 |
| 220 | VLF504015MT-1R0N-CA | VLF504015MT-1R0N-CA | 2019/9/30 | 2021/9/30 |
| 221 | VLF504015MT-1R5N    | VLF504015MT-1R5N    | 2019/9/30 | 2021/9/30 |
| 222 | VLF504015MT-1R5N-CA | VLF504015MT-1R5N-CA | 2019/9/30 | 2021/9/30 |
| 223 | VLF504015MT-220M    | VLF504015MT-220M    | 2019/9/30 | 2021/9/30 |
| 224 | VLF504015MT-220M-CA | VLF504015MT-220M-CA | 2019/9/30 | 2021/9/30 |
| 225 | VLF504015MT-2R2M    | VLF504015MT-2R2M    | 2019/9/30 | 2021/9/30 |
| 226 | VLF504015MT-2R2M-CA | VLF504015MT-2R2M-CA | 2019/9/30 | 2021/9/30 |
| 227 | VLF504015MT-3R3M    | VLF504015MT-3R3M    | 2019/9/30 | 2021/9/30 |
| 228 | VLF504015MT-3R3M-CA | VLF504015MT-3R3M-CA | 2019/9/30 | 2021/9/30 |
| 229 | VLF504015MT-4R7M    | VLF504015MT-4R7M    | 2019/9/30 | 2021/9/30 |
| 230 | VLF504015MT-4R7M-CA | VLF504015MT-4R7M-CA | 2019/9/30 | 2021/9/30 |
| 231 | VLF504015MT-6R8M    | VLF504015MT-6R8M    | 2019/9/30 | 2021/9/30 |
| 232 | VLF504015MT-6R8M-CA | VLF504015MT-6R8M-CA | 2019/9/30 | 2021/9/30 |