

TCA/Distribution**TDK Corporation**

MAGNETICS BG

GM

Teppei Watanabe

Process Change Notice**VLS series : Consolidation of production location**

This is to inform you that we will consolidate production location for SMD inductors VLS series
For supply stability and consistency.

1. Details of the change

This is to inform you that we will consolidate production location for SMD inductors VLS series .

1-1. Change content : Change of production location as follows:

Pattern	Before change	After change
①	Pingzhou Electronic Co.,Ltd.	Qingdao TDK Electronics Co., Ltd.
②	TDK Dalian Corporation	Qingdao TDK Electronics Co., Ltd.

1-2. The change of 4M for new location from current location

Man	Machine	Material	Method
Change	No change	No change	No change

2. Intended part numbers

Please refer to the addendum part numbers list.

3. Note

There are no changes concerning the electrical characteristics, mechanical characteristics, form, fit, function and reliability.

4. Schedule : We will start to the change from December 2016.

Planned Date: 2017/10	Response Date By: Not Applicable	Last Order date for current spec: Not Applicable
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Attachment : No

ANSWER SHEET

To TDK Corporation MAGNETICS BG	Company Department Name
Approval Please Check it. Implementation Yes No	Directions
Date: _____	

Site	TDK part name	Site	TDK part name	Site	TDK part name	Site	TDK part name
①	VLS2010ET-100M	①	VLS201612ET-4R7M-1	①	VLS252012T-R47N2R1	①	VLS3015ET-150M
①	VLS2010ET-100M-CA	①	VLS201612ET-4R7M-CA	①	VLS252012T-R47N2R1-1	①	VLS3015ET-150M-1
①	VLS2010ET-150M	①	VLS201612ET-6R8M	①	VLS252012T-R47N2R1LC	①	VLS3015ET-150M-CA
①	VLS2010ET-150M-CA	①	VLS201612ET-6R8M-1	①	VLS252015ET-100M	①	VLS3015ET-1R0N
①	VLS2010ET-1R0N	①	VLS201612ET-6R8M-CA	①	VLS252015ET-100M-CA	①	VLS3015ET-1R0N-1
①	VLS2010ET-1R0N-CA	①	VLS201612ET-R47N	①	VLS252015ET-1R0N	①	VLS3015ET-1R0N-CA
①	VLS2010ET-1R5N	①	VLS201612ET-R47N-1	①	VLS252015ET-1R0N-CA	①	VLS3015ET-1R5N
①	VLS2010ET-1R5N-CA	①	VLS201612ET-R47N-CA	①	VLS252015ET-1R5N	①	VLS3015ET-1R5N-1
①	VLS2010ET-220M	①	VLS201612ET-R68N	①	VLS252015ET-1R5N-CA	①	VLS3015ET-1R5N-CA
①	VLS2010ET-220M-CA	①	VLS201612ET-R68N-1	①	VLS252015ET-2R2M	①	VLS3015ET-220M
①	VLS2010ET-2R2M	①	VLS201612ET-R68N-CA	①	VLS252015ET-2R2M-CA	①	VLS3015ET-220M-1
①	VLS2010ET-2R2M-CA	①	VLS201612MNT-100M	①	VLS252015ET-3R3M	①	VLS3015ET-220M-CA
①	VLS2010ET-3R3M	①	VLS201612MNT-1R0N	①	VLS252015ET-3R3M-CA	①	VLS3015ET-2R2M
①	VLS2010ET-3R3M-CA	①	VLS201612MNT-1R5N	①	VLS252015ET-4R7M	①	VLS3015ET-2R2M-1
①	VLS2010ET-4R7M	①	VLS201612MNT-1R8N	①	VLS252015ET-4R7M-CA	①	VLS3015ET-2R2M-CA
①	VLS2010ET-4R7M-CA	①	VLS201612MNT-1R8N-1	①	VLS252015ET-6R8M	①	VLS3015ET-330M
①	VLS2010ET-6R8M	①	VLS201612MNT-220M	①	VLS252015ET-6R8M-CA	①	VLS3015ET-330M-1
①	VLS2010ET-6R8M-CA	①	VLS201612MNT-2R2M	①	VLS252015RT-1R5N	①	VLS3015ET-330M-CA
①	VLS2010ET-R56N	①	VLS201612MNT-3R3M	①	VLS252015T-100MR66	①	VLS3015ET-3R3M
①	VLS2010ET-R56N-CA	①	VLS201612MNT-4R7M	①	VLS252015T-100MR66LC	①	VLS3015ET-3R3M-1
①	VLS2010MNT-1R0N	①	VLS201612MNT-6R8M	①	VLS252015T-1R0N1R7	①	VLS3015ET-3R3M-CA
①	VLS2010MNT-1R5N	①	VLS201612MNT-R47N	①	VLS252015T-1R0N1R7LC	①	VLS3015ET-470M
①	VLS2010MNT-1R8N	①	VLS201612MT-100M	①	VLS252015T-1R5N1R4	①	VLS3015ET-470M-1
①	VLS2010MNT-2R2M	①	VLS201612MT-100M-1	①	VLS252015T-1R5N1R4LC	①	VLS3015ET-470M-CA
①	VLS2010MNT-3R3M	①	VLS201612MT-1R0N	①	VLS252015T-1R5N-R	①	VLS3015ET-4R7M
①	VLS2010MNT-4R7M	①	VLS201612MT-1R0N-1	①	VLS252015T-2R2M1R2	①	VLS3015ET-4R7M-1
①	VLS2010MNT-R56N	①	VLS201612MT-1R5N	①	VLS252015T-2R2M1R2LC	①	VLS3015ET-4R7M-CA
①	VLS2010MT-100M	①	VLS201612MT-1R5N-1	①	VLS252015T-3R3M1R0	①	VLS3015ET-6R8M
①	VLS2010MT-100M-1	①	VLS201612MT-1R8N-1	①	VLS252015T-3R3M1R0LC	①	VLS3015ET-6R8M-1
①	VLS2010MT-150M	①	VLS201612MT-2R2M	①	VLS252015T-4R7MR89	①	VLS3015ET-6R8M-CA
①	VLS2010MT-150M-1	①	VLS201612MT-2R2M-1	①	VLS252015T-4R7MR89LC	①	VLS3015HT-100M
①	VLS2010MT-1R0N	①	VLS201612MT-3R3M	①	VLS252015T-6R8MR73	①	VLS3015HT-150M
①	VLS2010MT-1R0N-1	①	VLS201612MT-3R3M-1	①	VLS252015T-6R8MR73LC	①	VLS3015HT-1R0N
①	VLS2010MT-1R5N	①	VLS201612MT-4R7M	①	VLS3010ET-100M	①	VLS3015HT-1R5N
①	VLS2010MT-1R5N-1	①	VLS201612MT-4R7M-1	①	VLS3010ET-100M-1	①	VLS3015HT-220M
①	VLS2010MT-220M	①	VLS201612MT-6R8M	①	VLS3010ET-100M-CA	①	VLS3015HT-2R2M
①	VLS2010MT-220M-1	①	VLS201612MT-6R8M-1	①	VLS3010ET-150M	①	VLS3015HT-330M
①	VLS2010MT-2R2M	①	VLS201612MT-R47N	①	VLS3010ET-150M-1	①	VLS3015HT-3R3M
①	VLS2010MT-2R2M-1	①	VLS201612MT-R47N-1	①	VLS3010ET-150M-CA	①	VLS3015HT-470M
①	VLS2010MT-3R3M	①	VLS201612MT-R68N	①	VLS3010ET-1R0N	①	VLS3015HT-4R7M
①	VLS2010MT-3R3M-1	①	VLS201612MT-R68N-1	①	VLS3010ET-1R0N-1	①	VLS3015HT-6R8M
①	VLS2010MT-4R7M	①	VLS2510CST-100M-N	①	VLS3010ET-1R0N-CA	①	VLS3015T-100M-4
①	VLS2010MT-4R7M-1	①	VLS252008ET-100M	①	VLS3010ET-1R5N	①	VLS3015T-100MR70
①	VLS2010MT-6R8M	①	VLS252008ET-100M-C0	①	VLS3010ET-1R5N-1	①	VLS3015T-100MR70-1
①	VLS2010MT-6R8M-1	①	VLS252008ET-100M-CA	①	VLS3010ET-1R5N-CA	①	VLS3015T-150M-4
①	VLS2010MT-R56N	①	VLS252008ET-1R0N	①	VLS3010ET-220M	①	VLS3015T-150MR58
①	VLS2010MT-R56N-1	①	VLS252008ET-1R0N-C0	①	VLS3010ET-220M-1	①	VLS3015T-1R0N-2
①	VLS2012ET-100M	①	VLS252008ET-1R0N-CA	①	VLS3010ET-220M-CA	①	VLS3015T-1R0N2R0
①	VLS2012ET-100M-CA	①	VLS252008ET-1R5N	①	VLS3010ET-2R2M	①	VLS3015T-1R0N-4
①	VLS2012ET-150M	①	VLS252008ET-1R5N-C0	①	VLS3010ET-2R2M-1	①	VLS3015T-1R5N1R6

①	VLS2012ET-150M-CA	①	VLS252008ET-1R5N-CA	①	VLS3010ET-2R2M-CA	①	VLS3015T-1R5N-2
①	VLS2012ET-1R0N	①	VLS252008ET-2R2M	①	VLS3010ET-3R3M	①	VLS3015T-1R5N-4
①	VLS2012ET-1R0N-CA	①	VLS252008ET-2R2M-C0	①	VLS3010ET-3R3M-1	①	VLS3015T-220MR45
①	VLS2012ET-1R5N	①	VLS252008ET-2R2M-CA	①	VLS3010ET-3R3M-3	①	VLS3015T-220MR45-1
①	VLS2012ET-1R5N-CA	①	VLS252008ET-3R3M	①	VLS3010ET-3R3M-CA	①	VLS3015T-2R2M1R4
①	VLS2012ET-220M	①	VLS252008ET-3R3M-C0	①	VLS3010ET-4R7M	①	VLS3015T-2R2M1R4-1
①	VLS2012ET-220M-CA	①	VLS252008ET-3R3M-CA	①	VLS3010ET-4R7M-1	①	VLS3015T-330M-4
①	VLS2012ET-2R2M	①	VLS252008ET-4R7M	①	VLS3010ET-4R7M-CA	①	VLS3015T-330MR36
①	VLS2012ET-2R2M-CA	①	VLS252008ET-4R7M-C0	①	VLS3010ET-6R8M	①	VLS3015T-3R3M1R2
①	VLS2012ET-3R3M	①	VLS252008ET-4R7M-CA	①	VLS3010ET-6R8M-1	①	VLS3015T-3R3M1R2-1
①	VLS2012ET-3R3M-CA	①	VLS252008ET-6R8M	①	VLS3010ET-6R8M-CA	①	VLS3015T-3R3M-4
①	VLS2012ET-4R7M	①	VLS252008ET-6R8M-C0	①	VLS3010HT-100M-1	①	VLS3015T-420M-4
①	VLS2012ET-4R7M-CA	①	VLS252008ET-6R8M-CA	①	VLS3010HT-150M-1	①	VLS3015T-470M-4
①	VLS2012ET-6R8M	①	VLS252008ET-R47N	①	VLS3010HT-1R0N-1	①	VLS3015T-470MR31
①	VLS2012ET-6R8M-CA	①	VLS252008ET-R47N-C0	①	VLS3010HT-1R5N-1	①	VLS3015T-4R2M-4
①	VLS2012ET-R47N	①	VLS252008ET-R47N-CA	①	VLS3010HT-220M-1	①	VLS3015T-4R7M1R2
①	VLS2012ET-R47N-CA	①	VLS252010ET-100M	①	VLS3010HT-2R2M-1	①	VLS3015T-4R7M-4
①	VLS2012ET-R68N	①	VLS252010ET-100M-1	①	VLS3010HT-3R3M-1	①	VLS3015T-4R7MR99
①	VLS2012ET-R68N-CA	①	VLS252010ET-100M-CA	①	VLS3010HT-4R7M-1	①	VLS3015T-4R7MR99-1
①	VLS2012HT-100M	①	VLS252010ET-1R0N	①	VLS3010HT-6R8M-1	①	VLS3015T-6R8M-4
①	VLS2012HT-150M	①	VLS252010ET-1R0N-1	①	VLS3010T-100MR65	①	VLS3015T-6R8MR86
①	VLS2012HT-1R0N	①	VLS252010ET-1R0N-CA	①	VLS3010T-100MR65-1	①	VLS3015T-6R8MR86-LC
①	VLS2012HT-1R5N	①	VLS252010ET-1R5N	①	VLS3010T-150MR55	①	VLS4012ET-100M
①	VLS2012HT-220M	①	VLS252010ET-1R5N-1	①	VLS3010T-1R0N1R9	①	VLS4012ET-100M-1
①	VLS2012HT-2R2M	①	VLS252010ET-1R5N-CA	①	VLS3010T-1R0N1R9-1	①	VLS4012ET-100M-CA
①	VLS2012HT-3R3M	①	VLS252010ET-2R2M	①	VLS3010T-1R5N1R6	①	VLS4012ET-101M
①	VLS2012HT-4R7M	①	VLS252010ET-2R2M-1	①	VLS3010T-1R5N1R6-1	①	VLS4012ET-101M-1
①	VLS2012HT-6R8M	①	VLS252010ET-2R2M-CA	①	VLS3010T-220MR46	①	VLS4012ET-150M
①	VLS2012HT-R47N	①	VLS252010ET-3R3M	①	VLS3010T-220MR46-1	①	VLS4012ET-150M-1
①	VLS2012HT-R68N	①	VLS252010ET-3R3M-1	①	VLS3010T-220MR46-1C	①	VLS4012ET-150M-CA
①	VLS2012MT-100M	①	VLS252010ET-3R3M-CA	①	VLS3010T-2R2M1R3	①	VLS4012ET-151M
①	VLS2012MT-150M	①	VLS252010ET-4R7M	①	VLS3010T-2R2M1R3-1	①	VLS4012ET-151M-1
①	VLS2012MT-1R0N	①	VLS252010ET-4R7M-1	①	VLS3010T-3R3M1R1	①	VLS4012ET-1R0N
①	VLS2012MT-1R5N	①	VLS252010ET-4R7M-CA	①	VLS3010T-3R3M1R1-1	①	VLS4012ET-1R0N-1
①	VLS2012MT-220M	①	VLS252010ET-6R8M	①	VLS3010T-4R7MR80	①	VLS4012ET-1R0N-CA
①	VLS2012MT-2R2M	①	VLS252010ET-6R8M-1	①	VLS3010T-4R7MR80-1	①	VLS4012ET-1R5N
①	VLS2012MT-3R3M	①	VLS252010ET-6R8M-CA	①	VLS3010T-4R7MR80-1C	①	VLS4012ET-1R5N-1
①	VLS2012MT-4R7M	①	VLS252010ET-R47N	①	VLS3010T-4R7MR80-LC	①	VLS4012ET-1R5N-CA
①	VLS2012MT-6R8M	①	VLS252010ET-R47N-1	①	VLS3010T-6R8MR75	①	VLS4012ET-220M
①	VLS2012MT-R47N	①	VLS252010ET-R47N-CA	①	VLS3012ET-100M	①	VLS4012ET-220M-1
①	VLS2012MT-R68N	①	VLS252010ET-R68N	①	VLS3012ET-100M-1	①	VLS4012ET-220M-CA
①	VLS2015T-100M	①	VLS252010ET-R68N-1	①	VLS3012ET-100M-CA	①	VLS4012ET-221M
①	VLS2015T-150M	①	VLS252010ET-R68N-CA	①	VLS3012ET-150M	①	VLS4012ET-221M-1
①	VLS2015T-1R0N	①	VLS252010HT-1R0N	①	VLS3012ET-150M-1	①	VLS4012ET-2R2M
①	VLS2015T-1R5N	①	VLS252010HT-4R7M	①	VLS3012ET-150M-CA	①	VLS4012ET-2R2M-1
①	VLS2015T-220M	①	VLS252010MNT-100M	①	VLS3012ET-1R0N	①	VLS4012ET-2R2M-CA
①	VLS2015T-2R2M	①	VLS252010MNT-100M-1	①	VLS3012ET-1R0N-1	①	VLS4012ET-2R2M-N
①	VLS2015T-3R3M	①	VLS252010MNT-150M	①	VLS3012ET-1R0N-CA	①	VLS4012ET-330M
①	VLS2015T-4R7M	①	VLS252010MNT-1R0M	①	VLS3012ET-1R5N	①	VLS4012ET-330M-1
①	VLS2015T-6R8M	①	VLS252010MNT-1R0M-1	①	VLS3012ET-1R5N-1	①	VLS4012ET-330M-CA
①	VLS201610ET-100M	①	VLS252010MNT-1R5M	①	VLS3012ET-1R5N-2	①	VLS4012ET-331M

①	VLS201610ET-100M-1	①	VLS252010MNT-1R5M-1	①	VLS3012ET-1R5N-2L	①	VLS4012ET-331M-1
①	VLS201610ET-100M-CA	①	VLS252010MNT-2R2M	①	VLS3012ET-1R5N-CA	①	VLS4012ET-3R3M
①	VLS201610ET-1R0N	①	VLS252010MNT-2R2M-1	①	VLS3012ET-220M	①	VLS4012ET-3R3M-1
①	VLS201610ET-1R0N-1	①	VLS252010MNT-3R3M	①	VLS3012ET-220M-1	①	VLS4012ET-3R3M-CA
①	VLS201610ET-1R0N-CA	①	VLS252010MNT-3R3M-1	①	VLS3012ET-220M-CA	①	VLS4012ET-470M
①	VLS201610ET-1R5N	①	VLS252010MNT-4R7M	①	VLS3012ET-2R2M	①	VLS4012ET-470M-1
①	VLS201610ET-1R5N-1	①	VLS252010MNT-4R7M-1	①	VLS3012ET-2R2M-1	①	VLS4012ET-470M-CA
①	VLS201610ET-1R5N-CA	①	VLS252010MNT-6R8M	①	VLS3012ET-2R2M-CA	①	VLS4012ET-471M
①	VLS201610ET-2R2M	①	VLS252010MNT-6R8M-1	①	VLS3012ET-330M	①	VLS4012ET-471M-1
①	VLS201610ET-2R2M-1	①	VLS252010MNT-R33N	①	VLS3012ET-330M-1	①	VLS4012ET-4R7M
①	VLS201610ET-2R2M-CA	①	VLS252010MNT-R47N	①	VLS3012ET-330M-CA	①	VLS4012ET-4R7M-1
①	VLS201610ET-3R3M	①	VLS252010MNT-R47N-1	①	VLS3012ET-3R3M	①	VLS4012ET-4R7M-CA
①	VLS201610ET-3R3M-1	①	VLS252010MNT-R68N	①	VLS3012ET-3R3M-1	①	VLS4012ET-6R8M
①	VLS201610ET-3R3M-CA	①	VLS252010MT-100M	①	VLS3012ET-3R3M-CA	①	VLS4012ET-6R8M-1
①	VLS201610ET-4R7M	①	VLS252010MT-1R0N	①	VLS3012ET-470M	①	VLS4012ET-6R8M-CA
①	VLS201610ET-4R7M-1	①	VLS252010MT-1R5N	①	VLS3012ET-470M-1	①	VLS4012HT-100M
①	VLS201610ET-4R7M-CA	①	VLS252010MT-2R2M	①	VLS3012ET-470M-CA	①	VLS4012HT-101M
①	VLS201610ET-6R8M	①	VLS252010MT-3R3M	①	VLS3012ET-4R7M	①	VLS4012HT-150M
①	VLS201610ET-6R8M-1	①	VLS252010MT-4R7M	①	VLS3012ET-4R7M-1	①	VLS4012HT-151M
①	VLS201610ET-6R8M-CA	①	VLS252010MT-6R8M	①	VLS3012ET-4R7M-CA	①	VLS4012HT-1R0N
①	VLS201610ET-R47N	①	VLS252010MT-R47N	①	VLS3012ET-6R8M	①	VLS4012HT-1R5N
①	VLS201610ET-R47N-1	①	VLS252010MT-R68N	①	VLS3012ET-6R8M-1	①	VLS4012HT-220M
①	VLS201610ET-R47N-CA	①	VLS252010T-100M	①	VLS3012ET-6R8M-CA	①	VLS4012HT-221M
①	VLS201610ET-R68N	①	VLS252010T-1R0N	①	VLS3012HT-100M	①	VLS4012HT-2R2M
①	VLS201610ET-R68N-1	①	VLS252010T-1R5N	①	VLS3012HT-150M	①	VLS4012HT-330M
①	VLS201610ET-R68N-CA	①	VLS252010T-2R2M	①	VLS3012HT-1R0N	①	VLS4012HT-331M
①	VLS201610HT-100M	①	VLS252010T-3R3M	①	VLS3012HT-1R5N	①	VLS4012HT-3R3M
①	VLS201610HT-1R0N	①	VLS252010T-4R7M	①	VLS3012HT-220M	①	VLS4012HT-470M
①	VLS201610HT-1R5N	①	VLS252010T-6R8M	①	VLS3012HT-2R2M	①	VLS4012HT-471M
①	VLS201610HT-2R2M	①	VLS252010T-R47N	①	VLS3012HT-2R2M-1T	①	VLS4012HT-4R7M
①	VLS201610HT-3R3M	①	VLS252010T-R68N	①	VLS3012HT-330M	①	VLS4012HT-6R8M
①	VLS201610HT-4R7M	①	VLS252012ET-100M	①	VLS3012HT-3R3M	①	VLS4012T-100MR82
①	VLS201610HT-6R8M	①	VLS252012ET-100M-CA	①	VLS3012HT-3R3M-1T	①	VLS4012T-100MR82-1
①	VLS201610HT-R47N	①	VLS252012ET-1R0M	①	VLS3012HT-3R3M-B	①	VLS4012T-100MR82-LC
①	VLS201610HT-R68N	①	VLS252012ET-1R0N	①	VLS3012HT-470M	①	VLS4012T-101MR25
①	VLS201610MNT-100M	①	VLS252012ET-1R0N-1	①	VLS3012HT-4R7M	①	VLS4012T-101MR25-1
①	VLS201610MNT-1R0N	①	VLS252012ET-1R0N-CA	①	VLS3012HT-4R7M-1T	①	VLS4012T-101MR25-LC
①	VLS201610MNT-1R5N	①	VLS252012ET-1R5M	①	VLS3012HT-6R8M	①	VLS4012T-150MR65
①	VLS201610MNT-1R8N	①	VLS252012ET-1R5N	①	VLS3012T-100MR72	①	VLS4012T-150MR65-1
①	VLS201610MNT-1R8N-1	①	VLS252012ET-1R5N-CA	①	VLS3012T-100MR72-1	①	VLS4012T-150MR65-LC
①	VLS201610MNT-2R2M	①	VLS252012ET-2R2M	①	VLS3012T-100MR72-LC	①	VLS4012T-151M
①	VLS201610MNT-2R2M-1	①	VLS252012ET-2R2M-CA	①	VLS3012T-101MR23	①	VLS4012T-1R0N1R6
①	VLS201610MNT-3R3M	①	VLS252012ET-3R3M	①	VLS3012T-101MR23-LC	①	VLS4012T-1R0N1R6-1
①	VLS201610MNT-4R7M	①	VLS252012ET-3R3M-1	①	VLS3012T-150MR58	①	VLS4012T-1R0N1R6-LC
①	VLS201610MNT-6R8M	①	VLS252012ET-3R3M-CA	①	VLS3012T-150MR58-1	①	VLS4012T-1R5N1R5
①	VLS201610MNT-R47N	①	VLS252012ET-4R7M	①	VLS3012T-150MR58-LC	①	VLS4012T-1R5N1R5-1
①	VLS201610MNT-R68N	①	VLS252012ET-4R7M-CA	①	VLS3012T-1R0N-2	①	VLS4012T-1R5N1R5-LC
①	VLS201610MT-100M	①	VLS252012ET-6R8M	①	VLS3012T-1R0N2R2	①	VLS4012T-220MR57
①	VLS201610MT-100M-1	①	VLS252012ET-6R8M-CA	①	VLS3012T-1R0N2R2-1	①	VLS4012T-220MR57-1
①	VLS201610MT-1R0N	①	VLS252012ET-R47N	①	VLS3012T-1R0N2R2-LC	①	VLS4012T-220MR57-LC
①	VLS201610MT-1R0N-1	①	VLS252012ET-R47N-CA	①	VLS3012T-1R5N1R7	①	VLS4012T-221M

①	VLS201610MT-1R5N	①	VLS252012MNT-100M	①	VLS3012T-1R5N1R7-1	①	VLS4012T-2R2M1R4
①	VLS201610MT-1R5N-1	①	VLS252012MNT-1R0M	①	VLS3012T-1R5N1R7-LC	①	VLS4012T-2R2M1R4-1
①	VLS201610MT-2R2M	①	VLS252012MNT-1R0N	①	VLS3012T-1R5N-2	①	VLS4012T-2R2M1R4-LC
①	VLS201610MT-2R2M-1	①	VLS252012MNT-1R5N	①	VLS3012T-220MR49	①	VLS4012T-330MR44
①	VLS201610MT-3R3M	①	VLS252012MNT-2R2M	①	VLS3012T-220MR49-1	①	VLS4012T-330MR44-1
①	VLS201610MT-3R3M-1	①	VLS252012MNT-3R3M	①	VLS3012T-220MR49-LC	①	VLS4012T-330MR44-LC
①	VLS201610MT-4R7M	①	VLS252012MNT-4R7M	①	VLS3012T-2R2M1R5	①	VLS4012T-331M
①	VLS201610MT-4R7M-1	①	VLS252012MNT-6R8M	①	VLS3012T-2R2M1R5-1	①	VLS4012T-3R3M1R2
①	VLS201610MT-6R8M	①	VLS252012T-100MR59	①	VLS3012T-2R2M1R5-1C	①	VLS4012T-3R3M1R2-1
①	VLS201610MT-6R8M-1	①	VLS252012T-100MR59-1	①	VLS3012T-2R2M1R5-LC	①	VLS4012T-3R3M1R2-LC
①	VLS201610MT-R47N	①	VLS252012T-100MR59LC	①	VLS3012T-330MR40	①	VLS4012T-470MR39
①	VLS201610MT-R47N-1	①	VLS252012T-1R0N1R7	①	VLS3012T-330MR40-1	①	VLS4012T-470MR39-1
①	VLS201610MT-R68N	①	VLS252012T-1R0N1R7-1	①	VLS3012T-330MR40-LC	①	VLS4012T-470MR39-LC
①	VLS201610MT-R68N-1	①	VLS252012T-1R0N1R7LC	①	VLS3012T-3R3M1R3	①	VLS4012T-471MR12
①	VLS201612ET-100M	①	VLS252012T-1R0N1R7QD	①	VLS3012T-3R3M1R3-1	①	VLS4012T-471MR12-1
①	VLS201612ET-100M-1	①	VLS252012T-1R5N1R4	①	VLS3012T-3R3M1R3-LC	①	VLS4012T-471MR12-LC
①	VLS201612ET-100M-CA	①	VLS252012T-1R5N1R4-1	①	VLS3012T-470MR34	①	VLS4012T-4R7M1R1
①	VLS201612ET-1R0N	①	VLS252012T-1R5N1R4LC	①	VLS3012T-470MR34-1	①	VLS4012T-4R7M1R1-1
①	VLS201612ET-1R0N-1	①	VLS252012T-2R2M1R3	①	VLS3012T-470MR34-LC	①	VLS4012T-4R7M1R1-LC
①	VLS201612ET-1R0N-CA	①	VLS252012T-2R2M1R3-1	①	VLS3012T-4R7M1R0	①	VLS4012T-6R8M1R0
①	VLS201612ET-1R5N	①	VLS252012T-2R2M1R3LC	①	VLS3012T-4R7M1R0-1	①	VLS4012T-6R8M1R0-1
①	VLS201612ET-1R5N-1	①	VLS252012T-3R3MR99	①	VLS3012T-4R7M1R0-1C	①	VLS4012T-6R8M1R0-LC
①	VLS201612ET-1R5N-CA	①	VLS252012T-3R3MR99-1	①	VLS3012T-4R7M1R0-LC	①	VLS4014ECST-R47N
①	VLS201612ET-220M	①	VLS252012T-3R3MR99LC	①	VLS3012T-6R8MR90	①	VQS252010ET-100M
①	VLS201612ET-2R2M	①	VLS252012T-4R7MR81	①	VLS3012T-6R8MR90-1	①	VQS252010ET-1R0N
①	VLS201612ET-2R2M-1	①	VLS252012T-4R7MR81-1	①	VLS3012T-6R8MR90-LC	①	VQS252010ET-1R5N
①	VLS201612ET-2R2M-CA	①	VLS252012T-4R7MR81LC	①	VLS3012T-R47N	①	VQS252010ET-2R2M
①	VLS201612ET-3R3M	①	VLS252012T-5R6M-1	①	VLS3015AC-122M	①	VQS252010ET-3R3M
①	VLS201612ET-3R3M-1	①	VLS252012T-6R8MR66	①	VLS3015ET-100M	①	VQS252010ET-4R7M
①	VLS201612ET-3R3M-CA	①	VLS252012T-6R8MR66-1	①	VLS3015ET-100M-1	①	VQS252010ET-6R8M
①	VLS201612ET-4R7M	①	VLS252012T-6R8MR66LC	①	VLS3015ET-100M-CA	①	VQS252010ET-R47N
①	VQS252010ET-R68N	②	VLS201612HBX-220M-1	②	VLS252010HBX-100M-1	②	VLS252012HBX-220M-1
②	VLS201610HBT-100M	②	VLS201612HBX-2R2M	②	VLS252010HBX-100M-CA	②	VLS252012HBX-220M-3
②	VLS201610HBT-100M-LR	②	VLS201612HBX-2R2M-1	②	VLS252010HBX-150M	②	VLS252012HBX-220M-CA
②	VLS201610HBT-150M	②	VLS201612HBX-3R3M	②	VLS252010HBX-150M-1	②	VLS252012HBX-2R2M
②	VLS201610HBT-150M-LR	②	VLS201612HBX-3R3M-1	②	VLS252010HBX-150M-CA	②	VLS252012HBX-2R2M-1
②	VLS201610HBT-1R0M	②	VLS201612HBX-4R7M	②	VLS252010HBX-1R0M	②	VLS252012HBX-2R2M-3
②	VLS201610HBT-1R0M-LR	②	VLS201612HBX-4R7M-1	②	VLS252010HBX-1R0M-1	②	VLS252012HBX-2R2M-CA
②	VLS201610HBT-1R5M	②	VLS201612HBX-6R8M	②	VLS252010HBX-1R0M-CA	②	VLS252012HBX-3R3M
②	VLS201610HBT-1R5M-LR	②	VLS201612HBX-6R8M-1	②	VLS252010HBX-1R5M	②	VLS252012HBX-3R3M-1
②	VLS201610HBT-220M	②	VLS201612HBX-R24M	②	VLS252010HBX-1R5M-1	②	VLS252012HBX-3R3M-3
②	VLS201610HBT-220M-LR	②	VLS201612HBX-R24M-1	②	VLS252010HBX-1R5M-CA	②	VLS252012HBX-3R3M-CA
②	VLS201610HBT-2R2M	②	VLS201612HBX-R33M	②	VLS252010HBX-220M	②	VLS252012HBX-4R7M
②	VLS201610HBT-2R2M-LR	②	VLS201612HBX-R33M-1	②	VLS252010HBX-220M-1	②	VLS252012HBX-4R7M-1
②	VLS201610HBT-3R3M	②	VLS201612HBX-R47M	②	VLS252010HBX-220M-CA	②	VLS252012HBX-4R7M-3
②	VLS201610HBT-3R3M-LR	②	VLS201612HBX-R47M-1	②	VLS252010HBX-2R2M	②	VLS252012HBX-4R7M-CA
②	VLS201610HBT-4R7M	②	VLS201612HBX-R68M	②	VLS252010HBX-2R2M-1	②	VLS252012HBX-6R8M
②	VLS201610HBT-4R7M-LR	②	VLS201612HBX-R68M-1	②	VLS252010HBX-2R2M-CA	②	VLS252012HBX-6R8M-1
②	VLS201610HBT-6R8M	②	VLS252010HBT-100M	②	VLS252010HBX-3R3M	②	VLS252012HBX-6R8M-3
②	VLS201610HBT-6R8M-LR	②	VLS252010HBT-100M-1R	②	VLS252010HBX-3R3M-1	②	VLS252012HBX-6R8M-CA
②	VLS201610HBT-R22M	②	VLS252010HBT-100M-LR	②	VLS252010HBX-3R3M-CA	②	VLS252012HBX-R24M

②	VLS201610HBT-R24M-LR	②	VLS252010HBT-150M	②	VLS252010HBX-4R7M	②	VLS252012HBX-R24M-1
②	VLS201610HBT-R30M-LR	②	VLS252010HBT-150M-1R	②	VLS252010HBX-4R7M-1	②	VLS252012HBX-R24M-3
②	VLS201610HBT-R47M	②	VLS252010HBT-150M-LR	②	VLS252010HBX-4R7M-CA	②	VLS252012HBX-R24M-CA
②	VLS201610HBT-R47M-LR	②	VLS252010HBT-1R0M	②	VLS252010HBX-6R8M	②	VLS252012HBX-R33M
②	VLS201610HBT-R68M	②	VLS252010HBT-1R0M-1R	②	VLS252010HBX-6R8M-1	②	VLS252012HBX-R33M-1
②	VLS201610HBT-R68M-LR	②	VLS252010HBT-1R0M-LR	②	VLS252010HBX-6R8M-CA	②	VLS252012HBX-R33M-3
②	VLS201610HBX-100M	②	VLS252010HBT-1R5M	②	VLS252010HBX-R24M	②	VLS252012HBX-R33M-CA
②	VLS201610HBX-100M-1	②	VLS252010HBT-1R5M-1R	②	VLS252010HBX-R24M-1	②	VLS252012HBX-R47M
②	VLS201610HBX-150M	②	VLS252010HBT-1R5M-LR	②	VLS252010HBX-R24M-CA	②	VLS252012HBX-R47M-1
②	VLS201610HBX-150M-1	②	VLS252010HBT-220M	②	VLS252010HBX-R33M	②	VLS252012HBX-R47M-3
②	VLS201610HBX-1R0M	②	VLS252010HBT-220M-1R	②	VLS252010HBX-R33M-1	②	VLS252012HBX-R47M-CA
②	VLS201610HBX-1R0M-1	②	VLS252010HBT-220M-LR	②	VLS252010HBX-R33M-CA	②	VLS252012HBX-R68M
②	VLS201610HBX-1R5M	②	VLS252010HBT-2R2M	②	VLS252010HBX-R47M	②	VLS252012HBX-R68M-1
②	VLS201610HBX-1R5M-1	②	VLS252010HBT-2R2M-1R	②	VLS252010HBX-R47M-1	②	VLS252012HBX-R68M-3
②	VLS201610HBX-220M	②	VLS252010HBT-2R2M-LR	②	VLS252010HBX-R47M-CA	②	VLS252012HBX-R68M-CA
②	VLS201610HBX-220M-1	②	VLS252010HBT-3R3M	②	VLS252010HBX-R68M	②	VLS3010HBX-100M
②	VLS201610HBX-2R2M	②	VLS252010HBT-3R3M-1R	②	VLS252010HBX-R68M-1	②	VLS3010HBX-150M
②	VLS201610HBX-2R2M-1	②	VLS252010HBT-3R3M-LR	②	VLS252010HBX-R68M-CA	②	VLS3010HBX-1R0M
②	VLS201610HBX-3R3M	②	VLS252010HBT-4R7M	②	VLS252012HBU-100M	②	VLS3010HBX-1R5M
②	VLS201610HBX-3R3M-1	②	VLS252010HBT-4R7M-1R	②	VLS252012HBU-150M	②	VLS3010HBX-220M
②	VLS201610HBX-4R7M	②	VLS252010HBT-4R7M-LR	②	VLS252012HBU-220M	②	VLS3010HBX-2R2M
②	VLS201610HBX-4R7M-1	②	VLS252010HBT-6R8M	②	VLS252012HBU-3R3M	②	VLS3010HBX-3R3M
②	VLS201610HBX-6R8M	②	VLS252010HBT-6R8M-1R	②	VLS252012HBU-4R7M	②	VLS3010HBX-4R7M
②	VLS201610HBX-6R8M-1	②	VLS252010HBT-6R8M-LR	②	VLS252012HBU-6R8M	②	VLS3010HBX-6R8M
②	VLS201610HBX-R24M	②	VLS252010HBT-R24M-1R	②	VLS252012HBX-100M	②	VLS3010HBX-R24M
②	VLS201610HBX-R24M-1	②	VLS252010HBT-R24M-LR	②	VLS252012HBX-100M-1	②	VLS3010HBX-R47M
②	VLS201610HBX-R33M	②	VLS252010HBT-R33M-1R	②	VLS252012HBX-100M-3	②	VLS3010HBX-R68M
②	VLS201610HBX-R33M-1	②	VLS252010HBT-R33M-LR	②	VLS252012HBX-100M-CA	②	VLS3012HBX-100M
②	VLS201610HBX-R47M	②	VLS252010HBT-R47M	②	VLS252012HBX-150M	②	VLS3012HBX-150M
②	VLS201610HBX-R47M-1	②	VLS252010HBT-R47M-1R	②	VLS252012HBX-150M-1	②	VLS3012HBX-1R0M
②	VLS201610HBX-R68M	②	VLS252010HBT-R47M-LR	②	VLS252012HBX-150M-3	②	VLS3012HBX-1R5M
②	VLS201610HBX-R68M-1	②	VLS252010HBT-R68M	②	VLS252012HBX-150M-CA	②	VLS3012HBX-220M
②	VLS201612HBX-100M	②	VLS252010HBT-R68M-1R	②	VLS252012HBX-1R0M	②	VLS3012HBX-2R2M
②	VLS201612HBX-100M-1	②	VLS252010HBT-R68M-LR	②	VLS252012HBX-1R0M-1	②	VLS3012HBX-3R3M
②	VLS201612HBX-150M	②	VLS252010HBU-100M	②	VLS252012HBX-1R0M-3	②	VLS3012HBX-4R7M
②	VLS201612HBX-150M-1	②	VLS252010HBU-150M	②	VLS252012HBX-1R0M-CA	②	VLS3012HBX-6R8M
②	VLS201612HBX-1R0M	②	VLS252010HBU-220M	②	VLS252012HBX-1R5M	②	VLS3012HBX-R33N
②	VLS201612HBX-1R0M-1	②	VLS252010HBU-3R3M	②	VLS252012HBX-1R5M-1	②	VLS3012HBX-R47M
②	VLS201612HBX-1R5M	②	VLS252010HBU-4R7M	②	VLS252012HBX-1R5M-3	②	VLS3012HBX-R68M
②	VLS201612HBX-1R5M-1	②	VLS252010HBU-6R8M	②	VLS252012HBX-1R5M-CA		
②	VLS201612HBX-220M	②	VLS252010HBX-100M	②	VLS252012HBX-220M		