



## PART TERMINATION NOTIFICATION

Attn.: Nichicon Customer

Date: June 15, 2021

We would like to take this opportunity to extend our appreciation for the business relationship with us and your continuous support to us.

Let us notify you about the End of Life of the following Nichicon radial capacitors (THT) lengths:

### **1. Discontinued parts**

Length (mm): 5, 7 and 9 mm body lengths

Part numbers list below. please note the list covers only our active parts in the Nichicon catalog.

### **2. Alternative Parts**

Our closest recommended alternatives are listed next to the discontinued part. For some parts the recommended alternative will be an SMD part.

Please contact your NICHICON sales representative if you have any questions.

### **3 Last order**

Last time buy date: September 15,2021  
Production termination date: March 31,2022

Sincerely,

Mark Gebbia

Sales application engineering  
manager

Attachment:

EOL parts 2021/2022

Part number	Diameter (mm)	Length (mm)
USA1E220KDD1TP	6.3	7
USR1E220KDD1TP	5	7
UAS2G4R7MPD	10	9
UAS2G4R7MPD1TD	10	9
ULD2C100MPD	8	9
ULD2C100MPD1TD	8	9
ULD2C150MPD6	10	9
ULD2C150MPD6TD	10	9
ULD2D120MPD	10	9
ULD2D120MPD1TD	10	9
ULD2D5R6MPD6	8	9
ULD2D5R6MPD6TD	8	9
ULD2D6R8MPD	8	9
ULD2D6R8MPD1TD	8	9
ULD2D8R2MPD	8	9
ULD2D8R2MPD1TD	8	9
ULD2E4R7MPD	8	9
ULD2E4R7MPD1TD	8	9
ULD2E8R2MPD	10	9
ULD2E8R2MPD1TD	10	9
ULD2G1R2MPD	8	9
ULD2G1R2MPD1TD	8	9
ULD2G1R5MPD6	8	9
ULD2G1R5MPD6TD	8	9
ULD2G1R8MPD	8	9
ULD2G1R8MPD1TD	8	9
ULD2G2R2MPD6	8	9
ULD2G2R2MPD6TA	8	9
ULD2G2R2MPD6TD	8	9
ULD2G3R3MPD6	10	9
ULD2G3R3MPD6TD	10	9
UMA0G101MDD	5	5
UMA0G101MDD1TE	5	5
UMA0G101MDD1TP	5	5
UMA0G220MCD2	3	5
UMA0G220MCD2TP	3	5
UMA0G221MDD	6.3	5
UMA0G221MDD1TE	6.3	5
UMA0G221MDD1TP	6.3	5
UMA0G330MDD	4	5
UMA0G330MDD1TE	4	5
UMA0G330MDD1TP	4	5
UMA0G331MDD	8	5
UMA0G331MDD1TE	8	5
UMA0G331MDD1TP	8	5
UMA0G470MDD	4	5

UMA0G470MDD1TE	4	5
UMA0G470MDD1TP	4	5
UMA0G471MDD	8	5
UMA0G471MDD1TE	8	5
UMA0G471MDD1TP	8	5
UMA0J100MCD2	3	5
UMA0J100MCD2TP	3	5
UMA0J101MDD	6.3	5
UMA0J101MDD1TE	6.3	5
UMA0J101MDD1TP	6.3	5
UMA0J220MDD	4	5
UMA0J220MDD1TE	4	5
UMA0J220MDD1TP	4	5
UMA0J221MDD	8	5
UMA0J221MDD1TE	8	5
UMA0J221MDD1TP	8	5
UMA0J330MDD	5	5
UMA0J330MDD1TE	5	5
UMA0J330MDD1TP	5	5
UMA0J331MDD	8	5
UMA0J331MDD1TE	8	5
UMA0J331MDD1TP	8	5
UMA0J470MDD	5	5
UMA0J470MDD1TE	5	5
UMA0J470MDD1TP	5	5
UMA1A101MDD	8	5
UMA1A101MDD1TE	8	5
UMA1A101MDD1TP	8	5
UMA1A220MDD	5	5
UMA1A220MDD1TE	5	5
UMA1A220MDD1TP	5	5
UMA1A221MDD	8	5
UMA1A221MDD1TE	8	5
UMA1A221MDD1TP	8	5
UMA1A330MDD	5	5
UMA1A330MDD1TE	5	5
UMA1A330MDD1TP	5	5
UMA1A470MDD	6.3	5
UMA1A470MDD1TE	6.3	5
UMA1A470MDD1TP	6.3	5
UMA1C100MDD	4	5
UMA1C100MDD1TE	4	5
UMA1C100MDD1TP	4	5
UMA1C101MDD	8	5
UMA1C101MDD1TE	8	5
UMA1C101MDD1TP	8	5
UMA1C220MDD	5	5

UMA1C220MDD1TE	5	5
UMA1C220MDD1TP	5	5
UMA1C330MDD	6.3	5
UMA1C330MDD1TE	6.3	5
UMA1C330MDD1TP	6.3	5
UMA1C470MDD	6.3	5
UMA1C470MDD1TE	6.3	5
UMA1C470MDD1TP	6.3	5
UMA1C4R7MCD2	3	5
UMA1C4R7MCD2TP	3	5
UMA1E100MDD	5	5
UMA1E100MDD1CV	5	5
UMA1E100MDD1TE	5	5
UMA1E100MDD1TP	5	5
UMA1E101MDD	8	5
UMA1E101MDD1TE	8	5
UMA1E101MDD1TP	8	5
UMA1E220MDD	6.3	5
UMA1E220MDD1TE	6.3	5
UMA1E220MDD1TP	6.3	5
UMA1E330MDD	6.3	5
UMA1E330MDD1TE	6.3	5
UMA1E330MDD1TP	6.3	5
UMA1E3R3MCD2	3	5
UMA1E3R3MCD2TP	3	5
UMA1E470MDD	8	5
UMA1E470MDD1TE	8	5
UMA1E470MDD1TP	8	5
UMA1E4R7MDD	4	5
UMA1E4R7MDD1TC	4	5
UMA1E4R7MDD1TE	4	5
UMA1E4R7MDD1TP	4	5
UMA1H010MCD2	3	5
UMA1H010MCD2TP	3	5
UMA1H010MDD	4	5
UMA1H010MDD1TE	4	5
UMA1H010MDD1TP	4	5
UMA1H100MDD	6.3	5
UMA1H100MDD1TE	6.3	5
UMA1H100MDD1TP	6.3	5
UMA1H220MDD	8	5
UMA1H220MDD1TE	8	5
UMA1H220MDD1TP	8	5
UMA1H2R2MDD	4	5
UMA1H2R2MDD1TE	4	5
UMA1H2R2MDD1TP	4	5
UMA1H330MDD	8	5

UMA1H330MDD1TE	8	5
UMA1H330MDD1TP	8	5
UMA1H3R3MDD	4	5
UMA1H3R3MDD1TE	4	5
UMA1H3R3MDD1TP	4	5
UMA1H4R7MDD	5	5
UMA1H4R7MDD1TE	5	5
UMA1H4R7MDD1TP	5	5
UMA1V100MDD	5	5
UMA1V100MDD1TC	5	5
UMA1V100MDD1TE	5	5
UMA1V100MDD1TP	5	5
UMA1V220MDD	6.3	5
UMA1V220MDD1CV	6.3	5
UMA1V220MDD1TE	6.3	5
UMA1V220MDD1TP	6.3	5
UMA1V2R2MCD2	3	5
UMA1V2R2MCD2TP	3	5
UMA1V330MDD	8	5
UMA1V330MDD1TE	8	5
UMA1V330MDD1TP	8	5
UMA1V3R3MDD	4	5
UMA1V3R3MDD1TE	4	5
UMA1V3R3MDD1TP	4	5
UMA1V470MDD	8	5
UMA1V470MDD1TE	8	5
UMA1V470MDD1TP	8	5
UMA1V4R7MDD	4	5
UMA1V4R7MDD1TE	4	5
UMA1V4R7MDD1TP	4	5
UMF0J101MDD	6.3	5
UMF0J101MDD1TE	6.3	5
UMF0J101MDD1TP	6.3	5
UMF0J220MDD	4	5
UMF0J220MDD1TE	4	5
UMF0J220MDD1TP	4	5
UMF0J330MDD	5	5
UMF0J330MDD1TE	5	5
UMF0J330MDD1TP	5	5
UMF0J470MDD	5	5
UMF0J470MDD1TE	5	5
UMF0J470MDD1TP	5	5
UMF0J680MDD	6.3	5
UMF0J680MDD1TE	6.3	5
UMF0J680MDD1TP	6.3	5
UMF1A220MDD	5	5
UMF1A220MDD1TE	5	5

UMF1A220MDD1TP	5	5
UMF1A330MDD	5	5
UMF1A330MDD1TE	5	5
UMF1A330MDD1TP	5	5
UMF1A470MDD	6.3	5
UMF1A470MDD1TE	6.3	5
UMF1A470MDD1TP	6.3	5
UMF1C100MDD	4	5
UMF1C100MDD1TE	4	5
UMF1C100MDD1TP	4	5
UMF1C150MDD	5	5
UMF1C150MDD1TE	5	5
UMF1C150MDD1TP	5	5
UMF1C220MDD	5	5
UMF1C220MDD1TE	5	5
UMF1C220MDD1TP	5	5
UMF1C330MDD	6.3	5
UMF1C330MDD1TE	6.3	5
UMF1C330MDD1TP	6.3	5
UMF1C470MDD	6.3	5
UMF1C470MDD1TE	6.3	5
UMF1C470MDD1TP	6.3	5
UMF1E100MDD	5	5
UMF1E100MDD1TE	5	5
UMF1E100MDD1TP	5	5
UMF1E150MDD	6.3	5
UMF1E150MDD1TE	6.3	5
UMF1E150MDD1TP	6.3	5
UMF1E220MDD	6.3	5
UMF1E220MDD1TE	6.3	5
UMF1E220MDD1TP	6.3	5
UMF1E330MDD	6.3	5
UMF1E330MDD1TE	6.3	5
UMF1E330MDD1TP	6.3	5
UMF1E4R7MDD	4	5
UMF1E4R7MDD1TE	4	5
UMF1E4R7MDD1TP	4	5
UMF1E6R8MDD	4	5
UMF1E6R8MDD1TE	4	5
UMF1E6R8MDD1TP	4	5
UMF1V010MDD	4	5
UMF1V010MDD1TE	4	5
UMF1V010MDD1TP	4	5
UMF1V100MDD	5	5
UMF1V100MDD1TE	5	5
UMF1V100MDD1TP	5	5
UMF1V150MDD	6.3	5

UMF1V150MDD1TE	6.3	5
UMF1V150MDD1TP	6.3	5
UMF1V1R5MDD	4	5
UMF1V1R5MDD1TE	4	5
UMF1V1R5MDD1TP	4	5
UMF1V220MDD	6.3	5
UMF1V220MDD1TE	6.3	5
UMF1V220MDD1TP	6.3	5
UMF1V2R2MDD	4	5
UMF1V2R2MDD1TE	4	5
UMF1V2R2MDD1TP	4	5
UMF1V3R3MDD	4	5
UMF1V3R3MDD1TE	4	5
UMF1V3R3MDD1TP	4	5
UMF1V4R7MDD	4	5
UMF1V4R7MDD1TE	4	5
UMF1V4R7MDD1TP	4	5
UMF1V6R8MDD	5	5
UMF1V6R8MDD1TE	5	5
UMF1V6R8MDD1TP	5	5
UMPOJ220MDD	5	5
UMPOJ220MDD1TE	5	5
UMPOJ220MDD1TP	5	5
UMPOJ330MDD	6.3	5
UMPOJ330MDD1TE	6.3	5
UMPOJ330MDD1TP	6.3	5
UMPOJ470MDD	6.3	5
UMPOJ470MDD1TE	6.3	5
UMPOJ470MDD1TP	6.3	5
UMP1A100MDD	4	5
UMP1A100MDD1TE	4	5
UMP1A100MDD1TP	4	5
UMP1A220MDD	6.3	5
UMP1A220MDD1TE	6.3	5
UMP1A220MDD1TP	6.3	5
UMP1A330MDD	6.3	5
UMP1A330MDD1TE	6.3	5
UMP1A330MDD1TP	6.3	5
UMP1C100MDD	5	5
UMP1C100MDD1TE	5	5
UMP1C100MDD1TP	5	5
UMP1C220MDD	6.3	5
UMP1C220MDD1TE	6.3	5
UMP1C220MDD1TP	6.3	5
UMP1C330MDD	6.3	5
UMP1C330MDD1TE	6.3	5
UMP1C330MDD1TP	6.3	5

UMP1C4R7MDD	4	5
UMP1C4R7MDD1TE	4	5
UMP1C4R7MDD1TP	4	5
UMP1E100MDD	6.3	5
UMP1E100MDD1TE	6.3	5
UMP1E100MDD1TP	6.3	5
UMP1E3R3MDD	5	5
UMP1E3R3MDD1TE	5	5
UMP1E3R3MDD1TP	5	5
UMP1E4R7MDD	5	5
UMP1E4R7MDD1TE	5	5
UMP1E4R7MDD1TP	5	5
UMP1H010MDD	4	5
UMP1H010MDD1TE	4	5
UMP1H010MDD1TP	4	5
UMP1HOR1MDD	4	5
UMP1HOR1MDD1TE	4	5
UMP1HOR1MDD1TP	4	5
UMP1H2R2MDD	5	5
UMP1H2R2MDD1TE	5	5
UMP1H2R2MDD1TP	5	5
UMP1H3R3MDD	5	5
UMP1H3R3MDD1TE	5	5
UMP1H3R3MDD1TP	5	5
UMP1H4R7MDD	6.3	5
UMP1H4R7MDD1TE	6.3	5
UMP1H4R7MDD1TP	6.3	5
UMP1HR22MDD	4	5
UMP1HR22MDD1TE	4	5
UMP1HR22MDD1TP	4	5
UMP1HR33MDD	4	5
UMP1HR33MDD1TE	4	5
UMP1HR33MDD1TP	4	5
UMP1HR47MDD	4	5
UMP1HR47MDD1TE	4	5
UMP1HR47MDD1TP	4	5
UMP1V100MDD	6.3	5
UMP1V100MDD1TE	6.3	5
UMP1V100MDD1TP	6.3	5
UMP1V2R2MDD	4	5
UMP1V2R2MDD1TE	4	5
UMP1V2R2MDD1TP	4	5
UMP1V3R3MDD	5	5
UMP1V3R3MDD1TE	5	5
UMP1V3R3MDD1TP	5	5
UMP1V4R7MDD	5	5
UMP1V4R7MDD1TE	5	5



UMP1V4R7MDD1TP	5	5
UMROJ101MDD	5	5
UMROJ101MDD1TP	5	5
UMROJ220MCD2	3	5
UMROJ220MCD2TP	3	5
UMROJ221MDD	6.3	5
UMROJ221MDD1TP	6.3	5
UMR1A101MDD	6.3	5
UMR1A101MDD1TP	6.3	5
UMR1A470MDD	5	5
UMR1A470MDD1TP	5	5
UMR1C100MCD2	3	5
UMR1C100MCD2TP	3	5
UMR1C101MDD	6.3	5
UMR1C101MDD1TP	6.3	5
UMR1C330MDD	5	5
UMR1C330MDD1TP	5	5
UMR1E470MDD	6.3	5
UMR1E470MDD1TE	6.3	5
UMR1E470MDD1TP	6.3	5
UMR1E4R7MCD2	3	5
UMR1E4R7MCD2TP	3	5
UMR1H220MDD	6.3	5
UMR1H220MDD1TP	6.3	5
UMR1H2R2MCD2	3	5
UMR1H2R2MCD2TP	3	5
UMR1V330MDD	6.3	5
UMR1V330MDD1TP	6.3	5
UMR1V3R3MCD2	3	5
UMR1V3R3MCD2TP	3	5
UMT0G101MDD	6.3	5
UMT0G101MDD1TE	6.3	5
UMT0G101MDD1TP	6.3	5
UMT0G220MDD	4	5
UMT0G220MDD1TE	4	5
UMT0G220MDD1TP	4	5
UMT0G330MDD	5	5
UMT0G330MDD1TE	5	5
UMT0G330MDD1TP	5	5
UMT0G470MDD	5	5
UMT0G470MDD1TE	5	5
UMT0G470MDD1TP	5	5
UMTOJ101MDD	6.3	5
UMTOJ101MDD1TE	6.3	5
UMTOJ101MDD1TP	6.3	5
UMTOJ220MDD	4	5
UMTOJ220MDD1TE	4	5

UMTOJ220MDD1TP	4	5
UMTOJ330MDD	5	5
UMTOJ330MDD1TE	5	5
UMTOJ330MDD1TP	5	5
UMTOJ470MDD	5	5
UMTOJ470MDD1TE	5	5
UMTOJ470MDD1TP	5	5
UMT1A220MDD	5	5
UMT1A220MDD1TE	5	5
UMT1A220MDD1TP	5	5
UMT1A330MDD	5	5
UMT1A330MDD1TE	5	5
UMT1A330MDD1TP	5	5
UMT1A470MDD	6.3	5
UMT1A470MDD1TE	6.3	5
UMT1A470MDD1TP	6.3	5
UMT1C100MCD2	3	5
UMT1C100MCD2TP	3	5
UMT1C100MDD	4	5
UMT1C100MDD1TE	4	5
UMT1C100MDD1TP	4	5
UMT1C220MDD	5	5
UMT1C220MDD1TE	5	5
UMT1C220MDD1TP	5	5
UMT1C330MDD	6.3	5
UMT1C330MDD1TE	6.3	5
UMT1C330MDD1TP	6.3	5
UMT1C470MDD	6.3	5
UMT1C470MDD1CP	6.3	5
UMT1C470MDD1CV	6.3	5
UMT1C470MDD1TE	6.3	5
UMT1C470MDD1TP	6.3	5
UMT1E100MDD	5	5
UMT1E100MDD1TE	5	5
UMT1E100MDD1TP	5	5
UMT1E220MDD	6.3	5
UMT1E220MDD1TE	6.3	5
UMT1E220MDD1TP	6.3	5
UMT1E330MDD	6.3	5
UMT1E330MDD1CM	6.3	5
UMT1E330MDD1TE	6.3	5
UMT1E330MDD1TP	6.3	5
UMT1E4R7MCD2	3	5
UMT1E4R7MCD2TP	3	5
UMT1E4R7MDD	4	5
UMT1E4R7MDD1TE	4	5
UMT1E4R7MDD1TP	4	5

UMT1H010MCD2	3	5
UMT1H010MCD2TP	3	5
UMT1H010MDD	4	5
UMT1H010MDD1TE	4	5
UMT1H010MDD1TP	4	5
UMT1H100MDD	6.3	5
UMT1H100MDD1TE	6.3	5
UMT1H100MDD1TP	6.3	5
UMT1H2R2MCD2	3	5
UMT1H2R2MCD2TP	3	5
UMT1H2R2MDD	4	5
UMT1H2R2MDD1TE	4	5
UMT1H2R2MDD1TP	4	5
UMT1H3R3MDD	4	5
UMT1H3R3MDD1TC	4	5
UMT1H3R3MDD1TE	4	5
UMT1H3R3MDD1TP	4	5
UMT1H4R7MDD	5	5
UMT1H4R7MDD1TE	5	5
UMT1H4R7MDD1TP	5	5
UMT1V100MDD	5	5
UMT1V100MDD1TE	5	5
UMT1V100MDD1TP	5	5
UMT1V220MDD	6.3	5
UMT1V220MDD1TE	6.3	5
UMT1V220MDD1TP	6.3	5
UMT1V2R2MCD2	3	5
UMT1V2R2MCD2TP	3	5
UMT1V3R3MCD2	3	5
UMT1V3R3MCD2TP	3	5
UMT1V3R3MDD	4	5
UMT1V3R3MDD1TE	4	5
UMT1V3R3MDD1TP	4	5
UMT1V4R7MDD	4	5
UMT1V4R7MDD1TE	4	5
UMT1V4R7MDD1TP	4	5
UMV0G101MFD	6.3	5
UMV0G101MFD1TE	6.3	5
UMV0G101MFD1TP	6.3	5
UMV0G220MFD	4	5
UMV0G220MFD1TE	4	5
UMV0G220MFD1TP	4	5
UMV0G330MFD	5	5
UMV0G330MFD1TE	5	5
UMV0G330MFD1TP	5	5
UMV0G470MFD	5	5
UMV0G470MFD1TE	5	5

UMV0G470MFD1TP	5	5
UMV0J101MFD	6.3	5
UMV0J101MFD1TE	6.3	5
UMV0J101MFD1TP	6.3	5
UMV0J220MFD	4	5
UMV0J220MFD1TE	4	5
UMV0J220MFD1TP	4	5
UMV0J330MFD	5	5
UMV0J330MFD1TE	5	5
UMV0J330MFD1TP	5	5
UMV0J470MFD	5	5
UMV0J470MFD1TE	5	5
UMV0J470MFD1TP	5	5
UMV1A220MFD	5	5
UMV1A220MFD1TE	5	5
UMV1A220MFD1TP	5	5
UMV1A330MFD	5	5
UMV1A330MFD1TE	5	5
UMV1A330MFD1TP	5	5
UMV1A470MFD	6.3	5
UMV1A470MFD1TE	6.3	5
UMV1A470MFD1TP	6.3	5
UMV1C100MFD	4	5
UMV1C100MFD1TE	4	5
UMV1C100MFD1TP	4	5
UMV1C220MFD	5	5
UMV1C220MFD1TE	5	5
UMV1C220MFD1TP	5	5
UMV1C330MFD	6.3	5
UMV1C330MFD1TE	6.3	5
UMV1C330MFD1TP	6.3	5
UMV1C470MFD	6.3	5
UMV1C470MFD1TE	6.3	5
UMV1C470MFD1TP	6.3	5
UMV1E100MFD	5	5
UMV1E100MFD1TE	5	5
UMV1E100MFD1TP	5	5
UMV1E220MFD	6.3	5
UMV1E220MFD1TE	6.3	5
UMV1E220MFD1TP	6.3	5
UMV1E330MFD	6.3	5
UMV1E330MFD1TE	6.3	5
UMV1E330MFD1TP	6.3	5
UMV1E4R7MFD	4	5
UMV1E4R7MFD1TE	4	5
UMV1E4R7MFD1TP	4	5
UMV1H010MFD	4	5

UMV1H010MFD1TE	4	5
UMV1H010MFD1TP	4	5
UMV1H100MFD	6.3	5
UMV1H100MFD1TE	6.3	5
UMV1H100MFD1TP	6.3	5
UMV1H2R2MFD	4	5
UMV1H2R2MFD1TE	4	5
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UMV1H3R3MFD1TE	4	5
UMV1H3R3MFD1TP	4	5
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UMV1H4R7MFD1TE	5	5
UMV1H4R7MFD1TP	5	5
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UMV1V100MFD1TE	5	5
UMV1V100MFD1TP	5	5
UMV1V220MFD	6.3	5
UMV1V220MFD1TE	6.3	5
UMV1V220MFD1TP	6.3	5
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UMV1V4R7MFD1TE	4	5
UMV1V4R7MFD1TP	4	5
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UMW0G221MDD	6.3	5
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UMW0G331MDD	8	5
UMW0G470MDD	4	5
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UMW0J220MDD	4	5
UMW0J221MDD	8	5
UMW0J330MDD	5	5
UMW0J331MDD	8	5
UMW0J470MDD	5	5
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UMW1A220MDD	5	5
UMW1A221MDD	8	5
UMW1A330MDD	5	5
UMW1A470MDD	6.3	5
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UMW1C330MDD	6.3	5
UMW1C470MDD	6.3	5
UMW1E100MDD	5	5

UMW1E101MDD	8	5
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UMW1E330MDD	6.3	5
UMW1E470MDD	8	5
UMW1E4R7MDD	4	5
UMW1H010MDD	4	5
UMW1H100MDD	6.3	5
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UMW1H3R3MDD	4	5
UMW1H4R7MDD	5	5
UMW1V100MDD	5	5
UMW1V220MDD	6.3	5
UMW1V330MDD	8	5
UMW1V3R3MDD	4	5
UMW1V470MDD	8	5
UMW1V470MDD1TP	8	5
UMW1V4R7MDD	4	5
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UPW0J270MDD1TP	4	7
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UPW0J330MDD6TP	5	7
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UPW1C150MDD	4	7

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UPW1C270MDD1TP	5	7
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UPW1C330MDD6TP	6.3	7
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UPW1C560MDD6TP	6.3	7
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UPW1V120MDD1TP	5	7
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URS0J102MPD1TD	10	9
URS0J220MDD	5	9
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URS0J220MDD1TD	5	9
URS0J221MDD	6.3	9
URS0J221MDD1TA	6.3	9
URS0J221MDD1TD	6.3	9
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URS0J331MDD	6.3	9
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URS1C101MDD1TD	6.3	9
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URS1C221MPD1TA	8	9
URS1C221MPD1TD	8	9
URS1C330MDD	5	9
URS1C330MDD1TA	5	9
URS1C330MDD1TD	5	9



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URS1C470MDD1TA	5	9
URS1C470MDD1TD	5	9
URS1C471MPD	10	9
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URS1E101MDD1TD	6.3	9
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URS1E221MPD1TD	10	9
URS1E330MDD	5	9
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URS1H2R2MDD1TA	5	9
URS1H2R2MDD1TD	5	9
URS1H330MDD	6.3	9
URS1H330MDD1TA	6.3	9
URS1H330MDD1TD	6.3	9
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URS1H3R3MDD1TA	5	9

URS1H3R3MDD1TD	5	9
URS1H470MDD	6.3	9
URS1H470MDD1TA	6.3	9
URS1H470MDD1TD	6.3	9
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URS1H4R7MDD1TA	5	9
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URS1J101MPD1TD	10	9
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URS1J220MDD1TD	6.3	9
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URS1V330MDD1TA	5	9
URS1V330MDD1TD	5	9
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URS1V470MDD1TD	6.3	9
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URS1V4R7MDD1TA	5	9
URS1V4R7MDD1TD	5	9
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URS2A010MDD1TD	5	9
URS2A100MDD	6.3	9
URS2A100MDD1TA	6.3	9
URS2A100MDD1TD	6.3	9

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URS2A220MPD1TD	8	9
URS2A2R2MDD	5	9
URS2A2R2MDD1TA	5	9
URS2A2R2MDD1TD	5	9
URS2A330MPD	10	9
URS2A330MPD1TD	10	9
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URS2A3R3MDD1TD	5	9
URS2A4R7MDD	6.3	9
URS2A4R7MDD1TA	6.3	9
URS2A4R7MDD1TD	6.3	9
URZ0J101MDD	5	9
URZ0J101MDD1TA	5	9
URZ0J101MDD1TD	5	9
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URZ0J331MDD	6.3	9
URZ0J331MDD1TA	6.3	9
URZ0J331MDD1TD	6.3	9
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URZ0J471MPD1TD	8	9
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URZ1A221MDD1TD	6.3	9
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URZ1A331MPD1TD	8	9
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URZ1E100MDD1TD	5	9
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URZ1E101MDD1TD	6.3	9
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URZ1E221MPD1TD	10	9
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URZ1E331MPD1TD	10	9
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URZ1H2R2MDD1TA	5	9
URZ1H2R2MDD1TD	5	9
URZ1H330MDD	6.3	9
URZ1H330MDD1TA	6.3	9
URZ1H330MDD1TD	6.3	9
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URZ1H3R3MDD1TA	5	9
URZ1H3R3MDD1TD	5	9
URZ1H470MDD	6.3	9
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URZ1H470MDD1TD	6.3	9
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URZ1H4R7MDD1TA	5	9
URZ1H4R7MDD1TD	5	9
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URZ1J101MPD1TD	10	9
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URZ1J330MPD1TD	8	9
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URZ1J470MPD1TA	8	9
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URZ1V330MDD1TD	5	9
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URZ1V470MDD1TD	6.3	9
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URZ1V4R7MDD1TA	5	9
URZ1V4R7MDD1TD	5	9
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URZ2A010MDD1TD	5	9
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URZ2A2R2MDD1TD	5	9
URZ2A330MPD	10	9
URZ2A330MPD1TD	10	9
URZ2A3R3MDD	5	9
URZ2A3R3MDD1TA	5	9
URZ2A3R3MDD1TD	5	9
URZ2A4R7MDD	6.3	9
URZ2A4R7MDD1TA	6.3	9
URZ2A4R7MDD1TD	6.3	9
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USA0J101MDD1TP	6.3	7
USA0J220MDD	4	7
USA0J220MDD1TE	4	7
USA0J220MDD1TP	4	7
USA0J221MDD	8	7
USA0J221MDD1TD	8	7

USA0J221MDD1TE	8	7
USA0J330MDD	5	7
USA0J330MDD1TE	5	7
USA0J330MDD1TP	5	7
USA0J470MDD	5	7
USA0J470MDD1TE	5	7
USA0J470MDD1TP	5	7
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USA1A101MDD1TE	8	7
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USA1A470MDD1TP	6.3	7
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USA1E330MDD1TE	6.3	7
USA1E330MDD1TP	6.3	7
USA1E470MDD	8	7
USA1E470MDD1TD	8	7
USA1E470MDD1TE	8	7
USA1H010KDD1TP	4	7

USA1H010MDD	4	7
USA1H010MDD1TE	4	7
USA1H010MDD1TP	4	7
USA1H100MDD	6.3	7
USA1H100MDD1TE	6.3	7
USA1H100MDD1TP	6.3	7
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USA1H2R2MDD1CT	4	7
USA1H2R2MDD1TE	4	7
USA1H2R2MDD1TP	4	7
USA1H3R3MDD	4	7
USA1H3R3MDD1TE	4	7
USA1H3R3MDD1TP	4	7
USA1H4R7MDD	5	7
USA1H4R7MDD1TE	5	7
USA1H4R7MDD1TP	5	7
USA1HR47KDD1TP	4	7
USA1V100MDD	5	7
USA1V100MDD1TE	5	7
USA1V100MDD1TP	5	7
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USA1V220MDD1TE	6.3	7
USA1V220MDD1TP	6.3	7
USA1V330MDD	8	7
USA1V330MDD1TD	8	7
USA1V330MDD1TE	8	7
USA1V4R7KDD1TP	4	7
USA1V4R7MDD	4	7
USA1V4R7MDD1TE	4	7
USA1V4R7MDD1TP	4	7
USF0J101MDD	6.3	7
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USF0J151MDD	8	7
USF0J151MDD1TD	8	7
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USF0J221MDD1TE	8	7
USF0J330MDD	5	7
USF0J330MDD1TE	5	7
USF0J330MDD1TP	5	7
USF0J470MDD	5	7



USF0J470MDD1TE	5	7
USF0J470MDD1TP	5	7
USF0J680MDD	6.3	7
USF0J680MDD1TE	6.3	7
USF0J680MDD1TP	6.3	7
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USF1A151MDD	8	7
USF1A151MDD1TD	8	7
USF1A151MDD1TE	8	7
USF1A220MDD	4	7
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USF1A220MDD1TP	4	7
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USF1A330MDD1TE	5	7
USF1A330MDD1TP	5	7
USF1A470MDD	6.3	7
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USF1A470MDD1TP	6.3	7
USF1A680MDD	6.3	7
USF1A680MDD1TE	6.3	7
USF1A680MDD1TP	6.3	7
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USF1C330MDD1TP	6.3	7
USF1C470MDD	6.3	7
USF1C470MDD1TE	6.3	7
USF1C470MDD1TP	6.3	7
USF1C680MDD	8	7
USF1C680MDD1TD	8	7
USF1C680MDD1TE	8	7
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USF1E150MDD1TE	5	7
USF1E150MDD1TP	5	7

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USF1E220MDD1TP	5	7
USF1E330MDD	6.3	7
USF1E330MDD1TE	6.3	7
USF1E330MDD1TP	6.3	7
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USF1E680MDD1TD	8	7
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USF1V100MDD1TP	5	7
USF1V150MDD	6.3	7
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USF1V150MDD1TP	6.3	7
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USF1V6R8MDD1TE	4	7
USF1V6R8MDD1TP	4	7
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USPOJ470MDD1TP	6.3	7
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USP1H0R1MDD1TP	4	7

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USR1H100MDD1TP	5	7
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USR1H220MDD1TP	6.3	7
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USR1H4R7MDD1TE	4	7
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USR1V220MDD1TE	5	7
USR1V220MDD1TP	5	7
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USR1V330MDD1TP	6.3	7
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UST1A330MDD1TP	5	7

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UST1C330MDD1TP	6.3	7
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UST1H4R7MDD	5	7
UST1H4R7MDD1TE	5	7



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USV1C101MFD1TE	8	7

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USV1C330MFD1TE	6.3	7
USV1C330MFD1TP	6.3	7
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USV1E220MFD1TP	6.3	7
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USV1H2R2MFD1TP	4	7
USV1H3R3MFD	4	7
USV1H3R3MFD1TE	4	7
USV1H3R3MFD1TP	4	7
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USV1V100MFD1TP	5	7
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USV1V220MFD1TE	6.3	7
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USW0J220MDD1TP	4	7
USW0J221MDD	6.3	7
USW0J221MDD1TE	6.3	7
USW0J221MDD1TP	6.3	7
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USW0J330MDD1TE	4	7
USW0J330MDD1TP	4	7
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USW0J470MDD1TE	4	7
USW0J470MDD1TP	4	7
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USW1C101MDD1TP	6.3	7
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USW1C220MDD1TP	4	7
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USW1C470MDD	5	7
USW1C470MDD1TE	5	7
USW1C470MDD1TP	5	7

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USW1E220MDD1TE	5	7
USW1E220MDD1TP	5	7
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USW1E330MDD1TE	5	7
USW1E330MDD1TP	5	7
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USW1E470MDD1TE	6.3	7
USW1E470MDD1TP	6.3	7
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USW1H010MDD1TE	4	7
USW1H010MDD1TP	4	7
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USW1H100MDD1TE	5	7
USW1H100MDD1TP	5	7
USW1H220MDD	6.3	7
USW1H220MDD1TE	6.3	7
USW1H220MDD1TP	6.3	7
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USW1H2R2MDD1TE	4	7
USW1H2R2MDD1TP	4	7
USW1H3R3MDD	4	7
USW1H3R3MDD1TE	4	7
USW1H3R3MDD1TP	4	7
USW1H4R7MDD	4	7
USW1H4R7MDD1TE	4	7
USW1H4R7MDD1TP	4	7
USW1V100MDD	4	7
USW1V100MDD1TE	4	7
USW1V100MDD1TP	4	7
USW1V220MDD	5	7
USW1V220MDD1TE	5	7
USW1V220MDD1TP	5	7
USW1V330MDD	6.3	7
USW1V330MDD1TE	6.3	7
USW1V330MDD1TP	6.3	7
USW1V4R7MDD	4	7
USW1V4R7MDD1TE	4	7
USW1V4R7MDD1TP	4	7
UTT0J101MDD	6.3	7
UTT0J101MDD1TE	6.3	7
UTT0J101MDD1TP	6.3	7
UTT0J220MDD	4	7
UTT0J220MDD1TE	4	7

UTT0J220MDD1TP	4	7
UTT0J221MDD	6.3	9
UTT0J221MDD1TA	6.3	9
UTT0J221MDD1TD	6.3	9
UTT0J331MPD	8	9
UTT0J331MPD1TA	8	9
UTT0J331MPD1TD	8	9
UTT0J470MDD	5	7
UTT0J470MDD1TE	5	7
UTT0J470MDD1TP	5	7
UTT0J471MPD	8	9
UTT0J471MPD1TA	8	9
UTT0J471MPD1TD	8	9
UTT1A151MDD	6.3	9
UTT1A151MDD1TA	6.3	9
UTT1A151MDD1TD	6.3	9
UTT1A221MPD	8	9
UTT1A221MPD1TA	8	9
UTT1A221MPD1TD	8	9
UTT1A330MDD	5	7
UTT1A330MDD1TE	5	7
UTT1A330MDD1TP	5	7
UTT1C100MDD	4	7
UTT1C100MDD1TE	4	7
UTT1C100MDD1TP	4	7
UTT1C101MDD	6.3	9
UTT1C101MDD1TA	6.3	9
UTT1C101MDD1TD	6.3	9
UTT1C151MPD	8	9
UTT1C151MPD1TA	8	9
UTT1C151MPD1TD	8	9
UTT1C220MDD	5	7
UTT1C220MDD1TE	5	7
UTT1C220MDD1TP	5	7
UTT1C221MPD	8	9
UTT1C221MPD1TA	8	9
UTT1C221MPD1TD	8	9
UTT1C331MPD	8	9
UTT1C331MPD1TA	8	9
UTT1C331MPD1TD	8	9
UTT1C470MDD	6.3	7
UTT1C470MDD1TE	6.3	7
UTT1C470MDD1TP	6.3	7
UTT1E101MPD	8	9
UTT1E101MPD1TA	8	9
UTT1E101MPD1TD	8	9
UTT1E220MDD	5	7

UTT1E220MDD1TE	5	7
UTT1E220MDD1TP	5	7
UTT1E330MDD	6.3	7
UTT1E330MDD1TE	6.3	7
UTT1E330MDD1TP	6.3	7
UTT1E470MDD	6.3	9
UTT1E470MDD1TA	6.3	9
UTT1E470MDD1TD	6.3	9
UTT1H010MDD	4	7
UTT1H010MDD1TE	4	7
UTT1H010MDD1TP	4	7
UTT1H100MDD	6.3	7
UTT1H100MDD1TE	6.3	7
UTT1H100MDD1TP	6.3	7
UTT1H220MDD	6.3	9
UTT1H220MDD1TA	6.3	9
UTT1H220MDD1TD	6.3	9
UTT1H2R2MDD	4	7
UTT1H2R2MDD1TE	4	7
UTT1H2R2MDD1TP	4	7
UTT1H3R3MDD	4	7
UTT1H3R3MDD1TE	4	7
UTT1H3R3MDD1TP	4	7
UTT1H470MPD	8	9
UTT1H470MPD1TA	8	9
UTT1H470MPD1TD	8	9
UTT1H4R7MDD	5	7
UTT1H4R7MDD1TE	5	7
UTT1H4R7MDD1TP	5	7
UTT1V100MDD	5	7
UTT1V100MDD1TE	5	7
UTT1V100MDD1TP	5	7
UTT1V220MDD	6.3	7
UTT1V220MDD1TE	6.3	7
UTT1V220MDD1TP	6.3	7
UTT1V330MDD	6.3	9
UTT1V330MDD1TA	6.3	9
UTT1V330MDD1TD	6.3	9
UTT1V470MDD	6.3	9
UTT1V470MDD1TA	6.3	9
UTT1V470MDD1TD	6.3	9
UTT1V4R7MDD	4	7
UTT1V4R7MDD1TE	4	7
UTT1V4R7MDD1TP	4	7