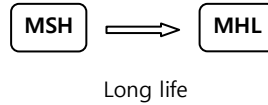




MHL series

Long life RoHS Compliant

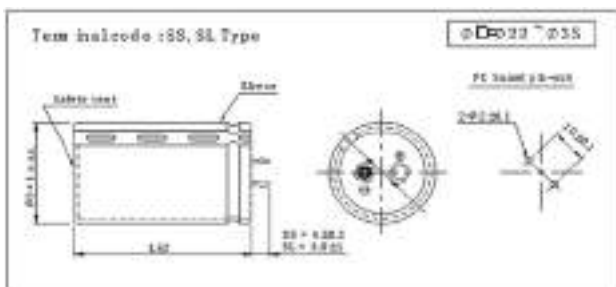
- 105 °C 5,000Hrs assured.
- Long life
- For SMPS, Inverter, Ballaster
- RoHS compliant
- Halogen-free capacitors are also available.



Specifications

Item	Characteristics																																			
Rated Voltage Range	16 ~ 250 Vdc	315 ~450 Vdc																																		
Operating Temperature Range	-40 ~ +105 °C	-25 ~ +105 °C																																		
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)																																			
Leakage Current	I=0.02CV or 3mA whichever is smaller Where, I:Max. Leakage current(µA), C:Nominal capacitance(µF), V:Rated voltage(Vdc) (at 20°C, 5min)																																			
Dissipation Factor(Tanδ)	<table border="1"> <tr> <td>Rated voltage (Vdc)</td> <td>16</td> <td>25</td> <td>35</td> <td>50~63</td> <td>100</td> <td>160~250</td> <td>315~400</td> <td>450</td> </tr> <tr> <td>Tanδ (max.)</td> <td>0.40</td> <td>0.35</td> <td>0.30</td> <td>0.25</td> <td>0.20</td> <td>0.15</td> <td>0.15</td> <td>0.20</td> </tr> </table>									Rated voltage (Vdc)	16	25	35	50~63	100	160~250	315~400	450	Tanδ (max.)	0.40	0.35	0.30	0.25	0.20	0.15	0.15	0.20									
	Rated voltage (Vdc)	16	25	35	50~63	100	160~250	315~400	450																											
Tanδ (max.)	0.40	0.35	0.30	0.25	0.20	0.15	0.15	0.20																												
(at 20°C, 120Hz)																																				
Temperature characteristics (Max,impedance ratio)	<table border="1"> <tr> <td>Rated voltage (Vdc)</td> <td>16</td> <td>25</td> <td>35</td> <td>50~63</td> <td>100</td> <td>160~250</td> <td>315~400</td> <td>450</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>4</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> <td>3</td> <td>8</td> <td>8</td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>15</td> <td>10</td> <td>8</td> <td>6</td> <td>5</td> <td>5</td> <td>-</td> <td>-</td> </tr> </table>									Rated voltage (Vdc)	16	25	35	50~63	100	160~250	315~400	450	Z(-25°C)/Z(20°C)	4	3	3	2	2	3	8	8	Z(-40°C)/Z(20°C)	15	10	8	6	5	5	-	-
	Rated voltage (Vdc)	16	25	35	50~63	100	160~250	315~400	450																											
	Z(-25°C)/Z(20°C)	4	3	3	2	2	3	8	8																											
Z(-40°C)/Z(20°C)	15	10	8	6	5	5	-	-																												
(at 120Hz)																																				
Load life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for specified life times at 105°C5,000hrs. Capacitance change ≤±20%of the initial value Tan δ ≤200% of the initial specified value Leakage current ≤The initial specified value																																			
Shelf life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes at least 24 hours and not more than 48 hours before the measurements. Capacitance change ≤±20% of the initial value Tanδ ≤200% of the initial specified value Leakage current ≤The initial specified value																																			

Dimensions



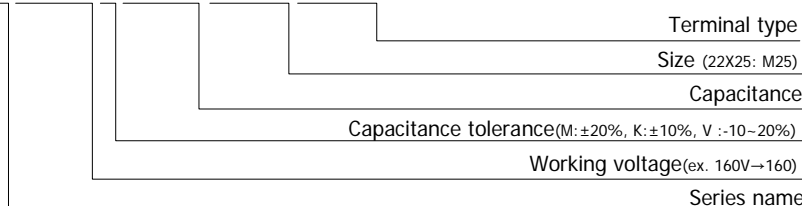
- Printed white color letter on brown sleeve
- The standard design has no bottom plate

Rated ripple current multipliers

Vdc \ Freq.(Hz)	50	60	120	1K	10K	100K
16 ~ 100	0.88	0.90	1.00	1.15	1.15	1.15
160 ~ 250	0.81	0.85	1.00	1.32	1.45	1.50
350 ~ 450	0.77	0.82	1.00	1.30	1.41	1.43

Code numbering system

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
M H L □ □ □ M □ □ □ □ □ □ □ □ □ □



Ø22	M
Ø25	N
Ø30	O
Ø35	P

MHL series

Standard Ratings

Note1) Ripple current = mArms/105°C,120Hz

VV (Vdc)	Cap (uF)	Size ØxL(mm)	Tan δ	Ripple ¹⁾	Code No
16	6,800	22 x 25	0.40	1,750	MHL016□682M25□□
	8,200	22 x 30	0.40	2,000	MHL016□822M30□□
	10,000	22 x 30	0.40	2,100	MHL016□103M30□□
		25 x 25	0.40	2,050	MHL016□103N25□□
	12,000	22 x 35	0.40	2,310	MHL016□123M35□□
		25 x 30	0.40	2,300	MHL016□123N30□□
	15,000	30 x 25	0.40	2,380	MHL016□123O25□□
		22 x 40	0.40	2,680	MHL016□153M40□□
		25 x 35	0.40	2,680	MHL016□153N35□□
	18,000	30 x 30	0.40	2,570	MHL016□153O30□□
		22 x 50	0.40	3,000	MHL016□183M50□□
		25 x 40	0.40	3,000	MHL016□183N40□□
	22,000	30 x 30	0.40	3,000	MHL016□183O30□□
		25 x 45	0.40	3,300	MHL016□223N45□□
		30 x 35	0.40	3,300	MHL016□223O35□□
	27,000	35 x 30	0.40	3,300	MHL016□223P30□□
		25 x 50	0.40	3,600	MHL016□273N50□□
		30 x 40	0.40	3,600	MHL016□273O40□□
	33,000	35 X 30	0.40	3,600	MHL016□273P30□□
		30 x 45	0.40	4,000	MHL016□333O45□□
35 x 35		0.40	4,000	MHL016□333P35□□	
39,000	30 x 50	0.40	4,300	MHL016□393O50□□	
	35 x 40	0.40	4,300	MHL016□393P40□□	
47,000	35 x 45	0.40	4,700	MHL016□473P45□□	
25	4,700	22 x 25	0.35	1,600	MHL025□472M25□□
	5,600	22 x 30	0.35	1,800	MHL025□562M30□□
	6,800	22 x 30	0.35	1,900	MHL025□682M30□□
		25 x 25	0.35	1,900	MHL025□682N25□□
	8,200	22 x 35	0.35	2,100	MHL025□822M35□□
		25 x 30	0.35	2,100	MHL025□822N30□□
		30 x 25	0.35	2,100	MHL025□822O25□□
	10,000	22 x 40	0.35	2,300	MHL025□103M40□□
		25 X 35	0.35	2,300	MHL025□103N35□□
		30 x 30	0.35	2,300	MHL025□103O30□□
	12,000	22 x 45	0.35	2,600	MHL025□123M45□□
		25 x 40	0.35	2,600	MHL025□123N40□□
		30 x 30	0.35	2,600	MHL025□123O30□□
	15,000	25 x 45	0.35	2,900	MHL025□153N45□□
		30 x 35	0.35	2,900	MHL025□153O35□□
		35 x 30	0.35	2,900	MHL025□153P30□□
	18,000	25 x 50	0.35	3,100	MHL025□183N50□□
		30 x 40	0.35	3,100	MHL025□183O40□□
		35 x 35	0.35	3,100	MHL025□183P35□□
	22,000	30 x 45	0.35	3,500	MHL025□223O45□□
35 x 35		0.35	3,500	MHL025□223P35□□	
27,000	35 x 45	0.35	3,800	MHL025□273P45□□	
33,000	35 x 50	0.35	4,200	MHL025□333P50□□	
35	3,300	22 x 25	0.30	1,500	MHL035□332M25□□
	3,900	22 x 30	0.30	1,600	MHL035□392M30□□
	4,700	22 x 35	0.30	1,800	MHL035□472M35□□
		25 x 25	0.30	1,800	MHL035□472N25□□
	5,600	22 x 35	0.30	2,000	MHL035□562M35□□
		25 x 30	0.30	2,000	MHL035□562N30□□
	6,800	30 x 25	0.30	2,000	MHL035□562O25□□
		22 x 40	0.30	2,100	MHL035□682M40□□
	8,200	25 x 35	0.30	2,100	MHL035□682N35□□
		30 x 25	0.30	2,100	MHL035□682O25□□
		22 x 50	0.30	2,400	MHL035□822M50□□
		25 x 40	0.30	2,400	MHL035□822N40□□
	30 x 30	0.30	2,400	MHL035□822O30□□	

VV (Vdc)	Cap (uF)	Size ØxL(mm)	Tan δ	Ripple ¹⁾	Code No
35	10,000	25 x 45	0.30	2,600	MHL035□103N45□□
		30 x 35	0.30	2,600	MHL035□103O35□□
	12,000	25 x 50	0.30	2,900	MHL035□123N50□□
		30 x 40	0.30	2,900	MHL035□123O40□□
	15,000	35 x 30	0.30	2,900	MHL035□123P30□□
		30 x 45	0.30	3,200	MHL035□153O45□□
	18,000	35 x 35	0.30	3,200	MHL035□153P35□□
		35 x 40	0.30	3,500	MHL035□183P40□□
	22,000	35 x 50	0.30	3,900	MHL035□223P50□□
	50	1,800	22 x 25	0.25	1,300
2,200		22 x 25	0.25	1,400	MHL050□222M25□□
2,700		22 x 30	0.25	1,600	MHL050□272M30□□
		25 x 25	0.25	1,600	MHL050□272N25□□
3,300		22 x 35	0.25	1,800	MHL050□332M35□□
		25 x 30	0.25	1,800	MHL050□332N30□□
3,900		22 x 40	0.25	1,900	MHL050□392M40□□
		25 x 30	0.25	1,900	MHL050□392N30□□
		30 x 25	0.25	1,900	MHL050□392O25□□
4,700		22 x 45	0.25	2,100	MHL050□472M45□□
		25 x 35	0.25	2,100	MHL050□472N35□□
		30 x 30	0.25	2,100	MHL050□472O30□□
5,600		22 x 50	0.25	2,300	MHL050□562M50□□
		25 x 40	0.25	2,300	MHL050□562N40□□
		30 x 30	0.25	2,300	MHL050□562O30□□
6,800	25 x 45	0.25	2,500	MHL050□682N45□□	
	30 x 35	0.25	2,500	MHL050□682O35□□	
	35 x 30	0.25	2,500	MHL050□682P30□□	
8,200	30 x 40	0.25	2,800	MHL050□822O40□□	
	35 x 35	0.25	2,800	MHL050□822P35□□	
10,000	30 x 50	0.25	3,100	MHL050□103O50□□	
	35 x 40	0.25	3,100	MHL050□103P40□□	
12,000	35 x 45	0.25	3,400	MHL050□123P45□□	
15,000	35 x 50	0.25	3,800	MHL050□153P50□□	
63	1,200	22 x 25	0.20	1,200	MHL063□122M25□□
	1,500	22 x 30	0.20	1,500	MHL063□152M30□□
		25 x 25	0.20	1,500	MHL063□152N25□□
	1,800	22 x 30	0.20	1,600	MHL063□182M30□□
		25 x 25	0.20	1,600	MHL063□182N25□□
	2,200	22 x 35	0.20	1,800	MHL063□222M35□□
		25 x 30	0.20	1,800	MHL063□222N30□□
	2,700	22 x 40	0.20	2,000	MHL063□272M40□□
		25 x 35	0.20	2,000	MHL063□272N35□□
		30 x 25	0.20	2,000	MHL063□272O25□□
	3,300	22 x 45	0.20	2,200	MHL063□332M45□□
		25 x 35	0.20	2,200	MHL063□332N35□□
		30 x 30	0.20	2,200	MHL063□332O30□□
	3,900	25 x 40	0.20	2,400	MHL063□392N40□□
		30 x 35	0.20	2,400	MHL063□392O35□□
25 x 50		0.20	2,600	MHL063□472N50□□	
4,700	30 x 40	0.20	2,600	MHL063□472O40□□	
	35 x 30	0.20	2,600	MHL063□472P30□□	
5,600	30 x 45	0.20	2,800	MHL063□562O45□□	
	35 x 35	0.20	2,800	MHL063□562P35□□	
6,800	30 x 50	0.20	3,100	MHL063□682O50□□	
	35 x 40	0.20	3,100	MHL063□682P40□□	
8,200	35 x 45	0.20	3,400	MHL063□822P45□□	
10,000	35 x 50	0.20	3,800	MHL063□103P50□□	
80	820	22 x 25	0.20	1,200	MHL080□821M25□□
	1,000	22 x 25	0.20	1,300	MHL080□102M25□□
	1,200	22 x 30	0.20	1,400	MHL080□122M30□□

MHL series

■ Standard Ratings

Note1) Ripple current = mArms/105°C, 120Hz

VV (Vdc)	Cap (uF)	Size ØxL(mm)	Tan δ	Ripple ¹⁾	Code No
80	1,200	25 x 25	0.20	1,400	MHL080□122N25□□□
		22 x 35	0.20	1,600	MHL080□152M35□□□
	1,500	25 x 25	0.20	1,600	MHL080□152N25□□□
		22 x 35	0.20	1,800	MHL080□182M35□□□
	1,800	25 x 30	0.20	1,800	MHL080□182N30□□□
		30 x 25	0.20	1,800	MHL080□182O25□□□
	2,200	22 x 45	0.20	2,000	MHL080□222M45□□□
		25 x 35	0.20	2,000	MHL080□222N35□□□
		30 x 25	0.20	2,000	MHL080□222O25□□□
	2,700	25 x 40	0.20	2,200	MHL080□272N40□□□
		30 x 30	0.20	2,200	MHL080□272O30□□□
	3,300	25 x 45	0.20	2,400	MHL080□332N45□□□
		30 x 35	0.20	2,400	MHL080□332O35□□□
		35 x 30	0.20	2,400	MHL080□332P30□□□
	3,900	30 x 40	0.20	2,600	MHL080□392O40□□□
		35 x 30	0.20	2,600	MHL080□392P30□□□
	4,700	30 x 45	0.20	2,900	MHL080□472O45□□□
		35 x 35	0.20	2,900	MHL080□472P35□□□
5,600	35 x 40	0.20	3,100	MHL080□562P40□□□	
	35 x 45	0.20	3,500	MHL080□682P45□□□	
100	560	22 x 25	0.18	1,100	MHL100□561M25□□□
		22 x 30	0.18	1,200	MHL100□681M30□□□
	820	22 x 30	0.18	1,300	MHL100□821M30□□□
		25 x 25	0.18	1,300	MHL100□821N25□□□
	1,000	22 x 35	0.18	1,500	MHL100□102M35□□□
		25 x 30	0.18	1,500	MHL100□102N30□□□
	1,200	22 x 40	0.18	1,600	MHL100□122M40□□□
		25 x 35	0.18	1,600	MHL100□122N35□□□
	1,500	30 x 25	0.18	1,600	MHL100□122O25□□□
		22 x 45	0.18	1,800	MHL100□152M45□□□
		25 x 40	0.18	1,800	MHL100□152N40□□□
	1,800	30 x 30	0.18	1,800	MHL100□152O30□□□
		25 x 45	0.18	2,000	MHL100□182N45□□□
		30 x 35	0.18	2,000	MHL100□182O35□□□
	2,200	25 x 50	0.18	2,200	MHL100□222N50□□□
		30 x 40	0.18	2,200	MHL100□222O40□□□
		35 x 30	0.18	2,200	MHL100□222P30□□□
	2,700	30 x 45	0.18	2,400	MHL100□272O45□□□
35 x 35		0.18	2,400	MHL100□272P35□□□	
3,300	30 x 50	0.18	2,700	MHL100□332O50□□□	
	35 x 40	0.18	2,700	MHL100□332P40□□□	
3,900	35 x 45	0.18	2,900	MHL100□392P45□□□	
	4,700	35 x 50	0.18	3,200	MHL100□472P50□□□
160	390	22 x 25	0.15	1,200	MHL160□391M25□□□
		22 x 30	0.15	1,500	MHL160□561M30□□□
	560	25 x 25	0.15	1,500	MHL160□561N25□□□
		22 x 35	0.15	1,700	MHL160□681M35□□□
	680	25 x 30	0.15	1,700	MHL160□681N30□□□
		30 x 25	0.15	1,700	MHL160□681O25□□□
	820	22 x 40	0.15	1,900	MHL160□821M40□□□
		22 x 45	0.15	2,100	MHL160□102M45□□□
	1,000	22 x 50	0.15	2,100	MHL160□102M50□□□
		25 x 35	0.15	2,100	MHL160□102N35□□□
		30 x 30	0.15	2,100	MHL160□102O30□□□
	1,200	35 x 25	0.15	2,100	MHL160□102P25□□□
		25 x 40	0.15	2,500	MHL160□122N40□□□
		25 x 45	0.15	2,500	MHL160□122N45□□□
	1,200	30 x 35	0.15	2,500	MHL160□122O35□□□
		30 x 40	0.15	2,500	MHL160□122O40□□□
		35 x 30	0.15	2,500	MHL160□122P30□□□

VV (Vdc)	Cap (uF)	Size ØxL(mm)	Tan δ	Ripple ¹⁾	Code No
160	1,500	25 x 50	0.15	2,800	MHL160□152N50□□□
		30 x 45	0.15	2,900	MHL160□152O45□□□
		35 x 35	0.15	2,900	MHL160□152P35□□□
	1,800	30 x 50	0.15	3,300	MHL160□182O50□□□
		35 x 40	0.15	3,300	MHL160□182P40□□□
	2,200	35 x 45	0.15	3,900	MHL160□222P45□□□
2,700		35 x 50	0.15	4,200	MHL160□272P50□□□
180	330	22 x 25	0.15	1,000	MHL180□331M25□□□
		22 x 30	0.15	1,400	MHL180□471M30□□□
	470	25 x 25	0.15	1,500	MHL180□471N25□□□
		22 x 35	0.15	1,550	MHL180□561M35□□□
	560	30 x 25	0.15	1,670	MHL180□561O25□□□
		22 x 40	0.15	1,780	MHL180□681M40□□□
	680	25 x 30	0.15	1,780	MHL180□681N30□□□
		820	22 x 45	0.15	2,040
	25 x 40		0.15	2,040	MHL180□821N40□□□
	30 x 30		0.15	2,040	MHL180□821O30□□□
	1,000	35 x 25	0.15	2,040	MHL180□821P25□□□
		22 x 50	0.15	2,200	MHL180□102M50□□□
		25 x 40	0.15	2,300	MHL180□102N40□□□
	1,200	25 x 45	0.15	2,400	MHL180□102N45□□□
		30 x 35	0.15	2,300	MHL180□102P35□□□
		25 x 50	0.15	2,550	MHL180□122N50□□□
	1,500	30 x 40	0.15	2,550	MHL180□122O40□□□
		35 x 30	0.15	2,550	MHL180□122P30□□□
30 x 45		0.15	2,900	MHL180□152O45□□□	
1,800	30 x 50	0.15	2,900	MHL180□152O50□□□	
	35 x 35	0.15	2,900	MHL180□152P35□□□	
	35 x 40	0.15	3,300	MHL180□182P40□□□	
2,200	35 x 45	0.15	3,400	MHL180□182P45□□□	
	35 x 50	0.15	3,650	MHL180□222P50□□□	
200	270	22 x 25	0.15	1,000	MHL200□271M25□□□
		22 x 30	0.15	1,100	MHL200□391M30□□□
	390	25 x 25	0.15	1,100	MHL200□391N25□□□
		22 x 35	0.15	1,300	MHL200□471M35□□□
	470	22 x 40	0.15	1,500	MHL200□561M40□□□
		25 x 30	0.15	1,500	MHL200□561N30□□□
	560	30 x 25	0.15	1,500	MHL200□561O25□□□
		22 x 45	0.15	1,700	MHL200□681M45□□□
		25 x 35	0.15	1,700	MHL200□681N35□□□
	680	30 x 30	0.15	1,700	MHL200□681O30□□□
		35 x 25	0.15	1,800	MHL200□681P25□□□
		22 x 50	0.15	2,000	MHL200□821M50□□□
	820	25 x 40	0.15	2,000	MHL200□821N40□□□
		30 x 35	0.15	2,000	MHL200□821O35□□□
		25 x 45	0.15	2,200	MHL200□102N45□□□
	1,000	25 x 50	0.15	2,300	MHL200□102N50□□□
		30 x 40	0.15	2,300	MHL200□102O40□□□
		35 x 30	0.15	2,300	MHL200□102P30□□□
1,200	30 x 45	0.15	2,500	MHL200□122O45□□□	
	30 x 50	0.15	2,500	MHL200□122O50□□□	
	35 x 35	0.15	2,500	MHL200□122P35□□□	
1,500	35 x 40	0.15	3,100	MHL200□152P40□□□	
	1,800	35 x 50	0.15	3,600	MHL200□182P50□□□
250	220	22 x 25	0.15	950	MHL250□221M25□□□
		22 x 30	0.15	1,100	MHL250□271M30□□□
	330	25 x 25	0.15	1,200	MHL250□331N25□□□
		22 x 35	0.15	1,300	MHL250□391M35□□□
	390	25 x 30	0.15	1,300	MHL250□391N30□□□
		30 x 25	0.15	1,300	MHL250□391O25□□□

MHL series

Standard Ratings

Note1) Ripple current = mArms/105°C, 120Hz

WV (Vdc)	Cap (µF)	Size ØxL (mm)	Tan δ	Ripple ¹⁾	Code No
250	470	22 x 40	0.15	1,500	MHL250□471M40□□□
		22 x 45	0.15	1,600	MHL250□561M45□□□
	560	25 x 35	0.15	1,600	MHL250□561N35□□□
		30 x 30	0.15	1,600	MHL250□561O30□□□
		35 x 25	0.15	1,600	MHL250□561P25□□□
	680	25 x 45	0.15	1,900	MHL250□681N45□□□
		30 x 35	0.15	1,900	MHL250□681O35□□□
	820	35 x 30	0.15	1,900	MHL250□681P30□□□
		25 x 50	0.15	2,100	MHL250□821N50□□□
		30 x 40	0.15	2,100	MHL250□821O40□□□
	1,000	35 x 35	0.15	2,100	MHL250□821P35□□□
		30 x 50	0.15	2,400	MHL250□102O50□□□
	1,200	35 x 40	0.15	2,400	MHL250□102P40□□□
		35 x 45	0.15	2,900	MHL250□122P45□□□
1,500	35 x 50	0.15	3,300	MHL250□152P50□□□	
350	120	22 x 25	0.15	690	MHL350□121M25□□□
	150	22 x 30	0.15	800	MHL350□151M30□□□
	180	25 x 25	0.15	900	MHL350□181N25□□□
		22 x 35	0.15	1,000	MHL350□221M35□□□
		25 x 30	0.15	1,000	MHL350□221N30□□□
	220	30 x 25	0.15	1,000	MHL350□221O25□□□
		22 x 45	0.15	1,100	MHL350□271M45□□□
		25 x 35	0.15	1,180	MHL350□271N35□□□
	270	30 x 30	0.15	1,180	MHL350□271O30□□□
		35 x 25	0.15	1,180	MHL350□271P25□□□
		22 x 50	0.15	1,200	MHL350□331M50□□□
	330	25 x 40	0.15	1,300	MHL350□331N40□□□
		30 x 35	0.15	1,300	MHL350□331O35□□□
		25 x 45	0.15	1,450	MHL350□391N45□□□
	390	30 x 40	0.15	1,500	MHL350□391O40□□□
		35 x 30	0.15	1,500	MHL350□391P30□□□
		25 x 50	0.15	1,650	MHL350□471N50□□□
	470	30 x 45	0.15	1,650	MHL350□471O45□□□
		35 x 35	0.15	1,650	MHL350□471P35□□□
	560	30 x 50	0.15	1,800	MHL350□561O50□□□
560	35 x 40	0.15	1,800	MHL350□561P40□□□	
	35 x 45	0.15	2,200	MHL350□681P45□□□	
820	35 x 50	0.15	2,400	MHL350□821P50□□□	
400	120	22 x 30	0.15	750	MHL400□121M30□□□
		22 x 35	0.15	820	MHL400□151M35□□□
	150	25 x 25	0.15	820	MHL400□151N25□□□
		22 x 40	0.15	950	MHL400□181M40□□□
	180	25 x 30	0.15	960	MHL400□181N30□□□
		30 x 25	0.15	990	MHL400□181O25□□□
	220	22 x 45	0.15	1,000	MHL400□221M45□□□
		25 x 35	0.15	1,000	MHL400□221N35□□□
		35 x 25	0.15	1,100	MHL400□221P25□□□
	270	22 x 50	0.15	1,200	MHL400□271M50□□□
		25 x 40	0.15	1,200	MHL400□271N40□□□
		30 x 30	0.15	1,200	MHL400□271O30□□□
	330	25 x 50	0.15	1,400	MHL400□331N50□□□
		30 x 35	0.15	1,400	MHL400□331O35□□□
		35 x 30	0.15	1,400	MHL400□331P30□□□
	390	30 x 40	0.15	1,550	MHL400□391O40□□□
		35 x 35	0.15	1,550	MHL400□391P35□□□
	470	30 x 45	0.15	1,700	MHL400□471O45□□□
		30 x 50	0.15	1,700	MHL400□471O50□□□
		35 x 40	0.15	1,800	MHL400□471P40□□□

WV (Vdc)	Cap (µF)	Size ØxL (mm)	Tan δ	Ripple ¹⁾	Code No
400	560	35 x 45	0.15	2,000	MHL400□561P45□□□
	680	35 x 50	0.15	2,200	MHL400□681P50□□□
420	100	22 x 25	0.20	510	MHL420□101M25□□□
		22 x 30	0.20	640	MHL420□121M30□□□
	120	25 x 25	0.20	640	MHL420□121N25□□□
		22 x 35	0.20	700	MHL420□151M35□□□
	150	22 x 40	0.20	900	MHL420□181M40□□□
		25 x 35	0.20	900	MHL420□181N35□□□
	180	30 x 25	0.20	900	MHL420□181O25□□□
		22 x 50	0.20	1,000	MHL420□221M50□□□
		25 x 40	0.20	1,000	MHL420□221N40□□□
	220	30 x 30	0.20	1,050	MHL420□221O30□□□
		35 x 25	0.20	1,050	MHL420□221P25□□□
		25 x 45	0.20	1,150	MHL420□271M45□□□
	270	30 x 35	0.20	1,150	MHL420□271O35□□□
		35 x 30	0.20	1,150	MHL420□271P30□□□
		25 x 50	0.20	1,300	MHL420□331M50□□□
	330	30 x 40	0.20	1,300	MHL420□331O40□□□
		35 x 35	0.20	1,300	MHL420□331P35□□□
	390	30 x 45	0.20	1,500	MHL420□391O45□□□
35 x 40		0.20	1,500	MHL420□391P40□□□	
470	30 x 50	0.20	1,800	MHL420□471O50□□□	
	35 x 45	0.20	1,800	MHL420□471P45□□□	
560	35 x 50	0.20	2,050	MHL420□561P50□□□	
450	82	22 x 25	0.20	510	MHL450□820M25□□□
	100	22 x 30	0.20	640	MHL450□101M30□□□
		25 x 25	0.20	640	MHL450□101N25□□□
	120	22 x 35	0.20	700	MHL450□121M35□□□
	150	22 x 40	0.20	750	MHL450□151M40□□□
		25 x 35	0.20	750	MHL450□151N35□□□
		30 x 25	0.20	750	MHL450□151O25□□□
	180	22 x 50	0.20	950	MHL450□181M50□□□
		25 x 40	0.20	950	MHL450□181N40□□□
		30 x 30	0.20	950	MHL450□181O30□□□
		35 x 25	0.20	950	MHL450□181P25□□□
	220	25 x 45	0.20	1,000	MHL450□221N45□□□
		30 x 35	0.20	1,000	MHL450□221O35□□□
		35 x 30	0.20	1,000	MHL450□221P30□□□
	270	25 x 50	0.20	1,200	MHL450□271N50□□□
		30 x 40	0.20	1,200	MHL450□271O40□□□
		35 x 35	0.20	1,200	MHL450□271P35□□□
	330	30 x 45	0.20	1,400	MHL450□331O45□□□
390	30 x 50	0.20	1,680	MHL450□391O50□□□	
	35 x 45	0.20	1,680	MHL450□391P45□□□	
470	35 x 50	0.20	1,880	MHL450□471P50□□□	