

# ALUMINUM ELECTROLYTIC CAPACITORS



## PL Series

- Load life 2,000 hours at 105°C
- Large size for PCB board mounting hole type



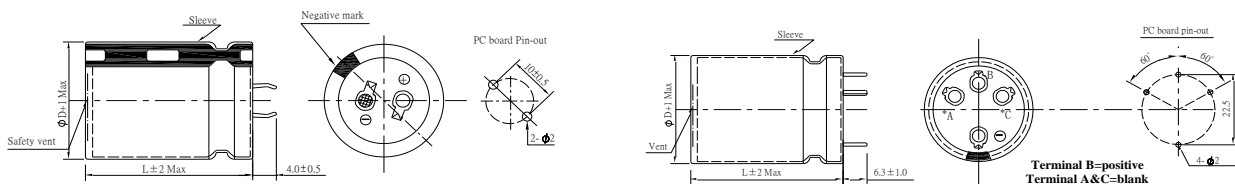
### ◆ SPECIFICATIONS

Item	Performance Characteristics										
Category Temperature Range	-40 ~ +105°C						-25 ~ +105°C				
Working Voltage Range	16 ~ 100Vdc						160 ~ 600Vdc				
Capacitance Range	560 ~ 47,000μF						39 ~ 2,700μF				
Capacitance Tolerance	±20% (at 25°C and 120Hz)										
Dissipation Factor (tanδ) (at 25°C, 120Hz)	Rated Voltage (V)	16	25	35	50	63	80	100~250	350~450	475~600	
	tanδ(Max)	0.35	0.35	0.25	0.25	0.25	0.20	0.15	0.15	0.20	
	When nominal capacitance exceeds 1,000uF, add 0.02 to the value above for each 1,000uF increase.										
Leakage Current	I=0.02CV or 3000μA, whichever is smaller I : Leakage current (μA)   C : Rated capacitance (μF)   V : Rated voltage (V) Impress the rated voltage for 5 minutes										
Low Temperature Characteristics Impedance Ratio(MAX)	Rated voltage (V)	16	25	35	50	63	80	100	160~250	350~400	420~600
	Z(-40°C)/Z(+20°C)	15	10	8	6	6	5	5	—	—	—
	Z(-25°C)/Z(+20°C)	—	—	—	—	—	—	—	4	4	8
(at 120Hz)											
Endurance	The following specifications shall be satisfied when the capacitors are restored to 25°C after subjected to DC voltage with the rated ripple current is applied for 2,000 hours at 105°C.										
	Capacitance change		≦ ±20% of the initial value								
	Dissipation factor(tanδ)		≦ 200% of the specified value								
	Leakage current		≦ specified value								
Shelf Life	The following requirements shall be satisfied when the capacitor are restored to 25°C after exposing them for 500 hours at 105°C without voltage applied.										
	Capacitance change		≦ ±20% of the initial value								
	Dissipation factor(tanδ)		≦ 200% of the specified value								
	Leakage current		≦ 200% of the specified value								
Others	Conforms to JIS-C-5101-4 (1998)										

### ◆ DIMENSIONS (mm)

Terminal Code : ND : Standard

Terminal Code :K6 (Φ35)



### ◆ PART NUMBER SYSTEM ( Example : 16V 15000µF )

P L 1 C 1 5 3 M N D 2 2 4 0 Y

Special Request

Size code(2240 : 22×40)

Terminal length code

Terminal type code

Capacitance tolerance code(M:±20%)

Capacitance code(15000µF)

Voltage code(16V)

Series code (PL)

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## PL Series

### ◆ STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
16 (1C)	6800	22×25	1570	PL1C682MND2225Y
	10000	22×30	1970	PL1C103MND2230Y
	10000	25.4×25	1970	PL1C103MND2525JY
	12000	22×35	2220	PL1C123MND2235Y
	12000	25.4×30	2240	PL1C123MND2530JY
	12000	30×25	2450	PL1C123MND3025Y
	15000	22×40	2550	PL1C153MND2240Y
	15000	25.4×35	2580	PL1C153MND2535JY
	15000	30×25	2520	PL1C153MND3025Y
	18000	22×45	2870	PL1C183MND2245Y
	18000	25.4×40	2920	PL1C183MND2540JY
	18000	30×30	2880	PL1C183MND3030Y
	18000	35×25	2920	PL1C183MND3525Y
	22000	25.4×45	3320	PL1C223MND2545JY
	22000	30×35	3290	PL1C223MND3035Y
	22000	35×25	3230	PL1C223MND3525Y
	27000	25.4×50	3780	PL1C273MND2550JY
	27000	30×40	3770	PL1C273MND3040Y
	27000	35×30	3580	PL1C273MND3530Y
	33000	30×45	4300	PL1C333MND3045Y
	33000	35×35	4260	PL1C333MND3535Y
	39000	30×50	4810	PL1C393MND3050Y
	39000	35×40	4790	PL1C393MND3540Y
	47000	35×45	5430	PL1C473MND3545Y
25 (1E)	4700	22×25	1500	PL1E472MND2225Y
	5600	22×25	1630	PL1E562MND2225Y
	6800	22×30	1860	PL1E682MND2230Y
	6800	25.4×25	1870	PL1E682MND2525JY
	8200	22×35	2110	PL1E822MND2235Y
	8200	25.4×30	2120	PL1E822MND2530JY
	8200	30×25	2150	PL1E822MND3025Y
	10000	22×40	2390	PL1E103MND2240Y
	10000	25.4×35	2420	PL1E103MND2535JY
	10000	30×25	2370	PL1E103MND3025Y
	12000	22×45	2690	PL1E123MND2245Y
	12000	25.4×40	2740	PL1E123MND2540JY
	12000	30×30	2700	PL1E123MND3030Y
	12000	35×25	2740	PL1E123MND3525Y
	15000	25.4×45	3150	PL1E153MND2545JY
	15000	30×35	3130	PL1E153MND3035Y
	15000	35×30	3270	PL1E153MND3530Y
	18000	25.4×50	3540	PL1E183MND2550JY
	18000	30×40	3540	PL1E183MND3040Y
	18000	35×30	3580	PL1E183MND3530Y
	22000	30×45	4040	PL1E223MND3045Y
	22000	35×35	3800	PL1E223MND3535Y
	27000	35×45	4730	PL1E273MND3545Y
35 (1V)	3300	22×25	1400	PL1V332MND2225Y
	3900	22×30	1570	PL1V392MND2230Y
	4700	22×30	1720	PL1V472MND2230Y
	5600	22×35	1950	PL1V562MND2235Y
	6800	22×40	2200	PL1V682MND2240Y
	8200	22×45	2610	PL1V822MND2245Y
	4700	25.4×25	1800	PL1V472MND2525JY
	5600	25.4×30	1960	PL1V562MND2530JY
	6800	25.4×35	2230	PL1V682MND2535JY
	8200	25.4×40	2610	PL1V822MND2540JY
	10000	25.4×45	2850	PL1V103MND2545JY

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
35 (1V)	12000	25.4×50	3240	PL1V123MND2550JY
	5600	30×25	1990	PL1V562MND3025Y
	6800	30×25	2190	PL1V682MND3025Y
	8200	30×30	2750	PL1V822MND3030Y
	10000	30×35	2900	PL1V103MND3035Y
	12000	30×40	3230	PL1V123MND3040Y
	15000	30×45	3720	PL1V153MND3045Y
	8200	35×25	2750	PL1V822MND3525Y
	10000	35×30	2910	PL1V103MND3530Y
	12000	35×30	3075	PL1V123MND3530Y
	15000	35×35	3670	PL1V153MND3535Y
	18000	35×40	4370	PL1V183MND3540Y
	22000	35×50	4920	PL1V223MND3550Y
50 (1H)	1800	22×25	1330	PL1H182MND2225Y
	2200	22×30	1700	PL1H222MND2230Y
	2200	25.4×25	1700	PL1H222MND2525JY
	3300	22×35	1930	PL1H332MND2235Y
	3300	25.4×30	1850	PL1H332MND2530JY
	3900	22×40	2160	PL1H392MND2240Y
	3900	25.4×35	2180	PL1H392MND2535JY
	3900	30×25	2070	PL1H392MND3025Y
	4700	22×45	2460	PL1H472MND2245Y
	4700	25.4×35	2390	PL1H472MND2535JY
	4700	30×30	2355	PL1H472MND3030Y
	4700	35×25	2480	PL1H472MND3525Y
	5600	22×50	2750	PL1H562MND2250Y
	5600	25.4×40	2700	PL1H562MND2540JY
	5600	30×35	2760	PL1H562MND3035Y
	5600	35×25	2700	PL1H562MND3525Y
	6800	25.4×50	3300	PL1H682MND2550JY
	6800	30×40	3300	PL1H682MND3040Y
	6800	35×30	3250	PL1H682MND3530Y
	8200	30×45	3600	PL1H822MND3045Y
	8200	35×35	3550	PL1H822MND3535Y
	10000	30×50	4040	PL1H103MND3050Y
	10000	35×40	4030	PL1H103MND3540Y
	12000	35×45	4550	PL1H123MND3545Y
63 (1E)	1200	22×25	1190	PL1J122MND2225Y
	1500	22×25	1330	PL1J152MND2225Y
	1800	22×30	1510	PL1J182MND2230Y
	1800	25.4×25	1520	PL1J182MND2525JY
	2200	22×35	1730	PL1J222MND2235Y
	2200	25.4×30	1740	PL1J222MND2530JY
	2700	22×40	1970	PL1J272MND2240Y
	2700	25.4×35	1990	PL1J272MND2535JY
	2700	30×25	1890	PL1J272MND3025Y
	3300	22×50	2290	PL1J332MND2250Y
	3300	25.4×40	2290	PL1J332MND2540JY
	3300	30×30	2240	PL1J332MND3030Y
	3300	35×25	2155	PL1J332MND3525Y
	3900	25.4×45	2540	PL1J392MND2545JY
	3900	30×35	2550	PL1J392MND3035Y
	3900	35×25	2420	PL1J392MND3525Y
	4700	25.4×50	2860	PL1J472MND2550JY
	4700	30×40	2860	PL1J472MND3040Y
	4700	35×30	2790	PL1J472MND3530Y
	5600	30×45	3220	PL1J562MND3045Y
	5600	35×35	3190	PL1J562MND3535Y

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## PL Series

### ◆ STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
63 (1J)	6800	30×50	3650	PL1J682MND3050Y
	6800	35×40	3640	PL1J682MND3540Y
	8200	35×45	3900	PL1J822MND3545Y
	10000	35×50	4400	PL1J103MND3550Y
80 (1K)	820	22×25	1110	PL1K821MND2225Y
	1000	22×25	1220	PL1K102MND2225Y
	1200	22×30	1380	PL1K122MND2230Y
	1200	25.4×25	1390	PL1K122MND2525Y
	1500	22×35	1590	PL1K152MND2235Y
	1500	25.4×30	1610	PL1K152MND2530Y
	1800	22×40	1800	PL1K182MND2240Y
	1800	25.4×30	1760	PL1K182MND2530Y
	1800	30×25	1710	PL1K182MND3025Y
	2200	22×45	2040	PL1K222MND2245Y
	2200	25.4×35	2010	PL1K222MND2535Y
	2200	30×30	2050	PL1K222MND3030Y
	2200	35×25	2070	PL1K222MND3525Y
	2700	25.4×45	2360	PL1K272MND2545Y
	2700	30×35	2350	PL1K272MND3035Y
	2700	35×25	2290	PL1K272MND3525Y
	3300	25.4×50	2680	PL1K332MND2550Y
	3300	30×40	2680	PL1K332MND3040Y
	3300	35×30	2980	PL1K332MND3530Y
	3900	30×45	3000	PL1K392MND3045Y
	3900	35×35	2980	PL1K392MND3535Y
	4700	30×50	3390	PL1K472MND3050Y
	4700	35×40	3380	PL1K472MND3540Y
	5600	35×45	3800	PL1K562MND3545Y
	6800	35×50	3900	PL1K682MND3550Y
100 (2A)	560	22×25	1050	PL2A561MND2225Y
	820	22×30	1320	PL2A821MND2230Y
	820	25.4×25	1330	PL2A821MND2525Y
	1000	22×35	1500	PL2A102MND2235Y
	1000	25.4×30	1510	PL2A102MND2530Y
	1200	22×40	1690	PL2A122MND2240Y
	1200	25.4×35	1710	PL2A122MND2535Y
	1200	30×25	1680	PL2A122MND3025Y
	1500	22×45	1940	PL2A152MND2245Y
	1500	25.4×40	1980	PL2A152MND2540Y
	1500	30×30	1950	PL2A152MND3030Y
	1500	35×25	1980	PL2A152MND3525Y
	1800	25.4×45	2230	PL2A182MND2545Y
	1800	30×35	2200	PL2A182MND3035Y
	1800	35×25	2170	PL2A182MND3525Y
	2200	25.4×50	2565	PL2A222MND2550Y
	2200	30×40	2650	PL2A222MND3040Y
	2200	35×30	2565	PL2A222MND3530Y
	2700	30×45	2880	PL2A272MND3045Y
	2700	35×35	2860	PL2A272MND3535Y
	3300	30×50	3280	PL2A332MND3050Y
	3300	35×40	3270	PL2A332MND3540Y
	3900	35×45	3670	PL2A392MND3545Y
	4700	35×50	3800	PL2A472MND3550Y
160 (2C)	390	22×25	1215	PL2C391MND2225Y
	470	22×30	1330	PL2C471MND2230Y
	560	22×35	1460	PL2C561MND2235Y
	560	25.4×25	1460	PL2C561MND2525Y
	680	22×40	1750	PL2C681MND2240Y

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
160 (2C)	680	25.4×30	1730	PL2C681MND2530Y
	820	22×45	2000	PL2C821MND2245Y
	820	25.4×35	2000	PL2C821MND2535Y
	820	30×25	2000	PL2C821MND3025Y
	1000	22×50	2110	PL2C102MND2250Y
	1000	25.4×40	2150	PL2C102MND2540Y
	1000	30×30	2110	PL2C102MND3030Y
	1000	35×25	2130	PL2C102MND3525Y
	1200	25.4×45	2315	PL2C122MND2545Y
	1200	30×35	2490	PL2C122MND3035Y
	1200	35×30	2315	PL2C122MND3530Y
	1500	25.4×50	2675	PL2C152MND2550Y
	1500	30×40	2675	PL2C152MND3040Y
	1500	35×35	2675	PL2C152MND3535Y
	1800	30×45	3140	PL2C182MND3045Y
	1800	35×40	3140	PL2C182MND3540Y
	2200	30×50	3580	PL2C222MND3050Y
	2200	35×45	3580	PL2C222MND3545Y
	2700	35×50	3600	PL2C272MND3550Y
	270	22×25	1100	PL2D271MND2225Y
200 (2D)	330	22×30	1250	PL2D331MND2230Y
	390	22×35	1310	PL2D391MND2235Y
	390	25.4×25	1310	PL2D391MND2525Y
	470	22×40	1335	PL2D471MND2240Y
	470	25.4×30	1400	PL2D471MND2530Y
	560	22×45	1600	PL2D561MND2245Y
	560	25.4×35	1560	PL2D561MND2535Y
	560	30×25	1600	PL2D561MND3025Y
	680	22×50	1650	PL2D681MND2250Y
	680	25.4×40	1700	PL2D681MND2540Y
	680	30×30	1720	PL2D681MND3030Y
	820	25.4×45	1935	PL2D821MND2545Y
	820	30×35	1935	PL2D821MND3035Y
	820	35×25	1935	PL2D821MND3525Y
	1000	25.4×50	2040	PL2D102MND2550Y
	1000	30×40	2185	PL2D102MND3040Y
	1000	35×30	2185	PL2D102MND3530Y
	1200	30×45	2515	PL2D122MND3045Y
	1200	35×35	2515	PL2D122MND3535Y
	1500	30×50	2925	PL2D152MND3050Y
	1500	35×40	2925	PL2D152MND3540Y
	1800	35×45	3000	PL2D182MND3545Y
	2200	35×50	3150	PL2D222MND3550Y
220 (2P)	270	22×25	990	PL2P271MND2225Y
	330	22×30	1160	PL2P331MND2230Y
	390	22×35	1340	PL2P391MND2235Y
	390	25.4×25	1350	PL2P391MND2525Y
	470	22×40	1400	PL2P471MND2240Y
	470	25.4×30	1400	PL2P471MND2530Y
	560	22×45	1550	PL2P561MND2245Y
	560	25.4×35	1550	PL2P561MND2535Y
	560	30×25	1550	PL2P561MND3025Y
	680	22×50	1750	PL2P681MND2250Y
	680	25.4×40	1750	PL2P681MND2540Y
	680	30×30	1700	PL2P681MND3030Y
	820	25.4×45	1930	PL2P821MND2545Y
	820	30×35	1900	PL2P821MND3035Y
	820	35×25	1930	PL2P821MND3525Y

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## PL Series

### ◆ STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
220 (2P)	1000	25.4×50	2280	PL2P102MND2550JY
	1000	30×40	2280	PL2P102MND3040Y
	1000	35×30	2300	PL2P102MND3530Y
	1200	30×45	2380	PL2P122MND3045Y
	1200	35×35	2380	PL2P122MND3535Y
	1500	30×50	2500	PL2P152MND3050Y
	1500	35×40	2500	PL2P152MND3540Y
	1800	35×45	2600	PL2P182MND3545Y
250 (2E)	270	22×25	950	PL2E271MND2225Y
	330	22×30	1200	PL2E331MND2230Y
	330	25.4×25	1260	PL2E331MND2525YJ
	390	22×35	1415	PL2E391MND2235Y
	390	25.4×30	1420	PL2E391MND2530JY
	470	22×40	1490	PL2E471MND2240Y
	470	25.4×35	1490	PL2E471MND2535JY
	470	30×25	1500	PL2E471MND3025Y
	560	22×45	1700	PL2E561MND2245Y
	560	25.4×40	1700	PL2E561MND2540JY
	560	30×30	1700	PL2E561MND3030Y
	560	35×25	1700	PL2E561MND3525Y
	680	22×50	1870	PL2E681MND2250Y
	680	25.4×45	1870	PL2E681MND2545JY
	680	30×35	1900	PL2E681MND3035Y
	680	35×30	1910	PL2E681MND3530Y
	820	25.4×50	2000	PL2E821MND2550JY
	820	30×40	2020	PL2E821MND3040Y
	820	35×35	2000	PL2E821MND3535Y
	1000	30×45	2030	PL2E102MND3045Y
	1000	35×40	2185	PL2E102MND3540Y
	1200	30×50	2300	PL2E122MND3050Y
	1200	35×45	2300	PL2E122MND3545Y
	1500	35×50	2400	PL2E152MND3550Y
400 (2G)	100	22×25	700	PL2G101MND2225Y
	120	22×30	730	PL2G121MND2230Y
	150	22×35	800	PL2G151MND2235Y
	150	25.4×25	795	PL2G151MND2525JY
	180	22×40	890	PL2G181MND2240Y
	180	25.4×30	890	PL2G181MND2530JY
	220	22×45	1070	PL2G221MND2245Y
	220	25.4×35	1070	PL2G221MND2535JY
	220	30×25	1070	PL2G221MND3025Y
	270	22×50	1100	PL2G271MND2250Y
	270	25.4×40	1110	PL2G271MND2540JY
	270	30×30	1100	PL2G271MND3030Y
	270	35×25	1100	PL2G271MND3525Y
	330	25.4×45	1150	PL2G331MND2545JY
	330	30×35	1150	PL2G331MND3035Y
	330	35×30	1280	PL2G331MND3530Y
	390	25.4×50	1550	PL2G391MND2550JY
	390	30×40	1500	PL2G391MND3040Y
	390	35×35	1530	PL2G391MND3535Y
	470	30×45	1600	PL2G471MND3045Y
	470	35×40	1620	PL2G471MND3540Y
	560	30×50	1900	PL2G561MND3050Y
	560	35×45	1900	PL2G561MND3545Y
	680	35×50	2000	PL2G681MND3550Y
420 (2S)	100	22×25	700	PL2S101MND2225Y
	120	22×30	780	PL2S121MND2230Y

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
420 (2S)	120	25.4×25	770	PL2S121MND2525Y
	150	22×35	840	PL2S151MND2235Y
	150	25.4×30	820	PL2S151MND2530Y
	180	22×40	950	PL2S181MND2240Y
	180	25.4×35	910	PL2S181MND2535Y
	180	30×25	950	PL2S181MND3025Y
	220	22×45	1050	PL2S221MND2245Y
	220	25.4×40	1050	PL2S221MND2540Y
	220	30×30	1070	PL2S221MND3030Y
	270	22×50	1150	PL2S271MND2250Y
	270	25.4×45	1160	PL2S271MND2545Y
	270	30×35	1160	PL2S271MND3035Y
	270	35×25	1160	PL2S271MND3525Y
	330	25.4×50	1300	PL2S331MND2550Y
	330	30×40	1350	PL2S331MND3040Y
	330	35×30	1360	PL2S331MND3530Y
	390	30×45	1600	PL2S391MND3045Y
	390	35×35	1590	PL2S391MND3535Y
	470	30×50	1850	PL2S471MND3050Y
	470	35×40	1870	PL2S471MND3540Y
450 (2W)	560	35×45	2100	PL2S561MND3545Y
	680	35×50	2210	PL2S681MND3550Y
	100	22×25	680	PL2W101MND2225Y
	120	22×30	720	PL2W121MND2230Y
	120	25.4×25	750	PL2W121MND2525Y
	150	22×35	840	PL2W151MND2235Y
	150	25.4×30	840	PL2W151MND2530Y
	180	22×40	1000	PL2W181MND2240Y
	180	25.4×35	980	PL2W181MND2535Y
	180	30×25	980	PL2W181MND3025Y
	220	22×45	1120	PL2W221MND2245Y
	220	25.4×40	1120	PL2W221MND2540Y
	220	30×30	1100	PL2W221MND3030Y
	270	22×50	1200	PL2W271MND2250Y
	270	25.4×45	1210	PL2W271MND2545Y
	270	30×35	1210	PL2W271MND3035Y
	270	35×25	1220	PL2W271MND3525Y
	330	25.4×50	1390	PL2W331MND2550Y
	330	30×40	1390	PL2W331MND3040Y
	330	35×30	1390	PL2W331MND3530Y
475 (2B)	390	30×45	1450	PL2W391MND3045Y
	390	35×35	1480	PL2W391MND3535Y
	470	30×50	1650	PL2W471MND3050Y
	470	35×40	1650	PL2W471MND3540Y
	560	35×45	1700	PL2W561MND3545Y
	680	35×50	1820	PL2W681MND3550Y
	68	22×25	600	PL2B680MND2225Y
	82	22×30	700	PL2B820MND2230Y
	82	25.4×25	690	PL2B820MND2525Y
	100	22×35	800	PL2B101MND2235Y
	100	25.4×25	790	PL2B101MND2525Y
	120	22×40	880	PL2B121MND2240Y
	120	25.4×30	900	PL2B121MND2530Y
	120	30×25	890	PL2B121MND3025Y
	150	25.4×45	1050	PL2B151MND2545Y
	150	25.4×35	1030	PL2B151MND2535Y
	150	30×25	1040	PL2B151MND3025Y
	180	22×50	1160	PL2B181MND2250Y

# ALUMINUM ELECTROLYTIC CAPACITORS



## PL Series

### ◆ STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
475 (2B)	180	25.4×40	1120	PL2B181MND2540JY
	180	30×30	1160	PL2B181MND3030Y
	180	35×25	1150	PL2B181MND3525Y
	220	25.4×45	1380	PL2B221MND2545JY
	220	30×35	1340	PL2B221MND3035Y
	220	35×30	1130	PL2B221MND3530Y
	270	30×40	1480	PL2B271MND3040Y
500 (2H)	270	35×35	1500	PL2B271MND3535Y
	47	22×25	410	PL2H470MND2225Y
	56	22×25	500	PL2H560MND2225Y
	68	22×30	580	PL2H680MND2230Y
	82	22×30	700	PL2H820MND2230Y
	82	25.4×25	730	PL2H820MND2525Y
	100	22×35	800	PL2H101MND2235Y
	100	25.4×30	810	PL2H101MND2530Y
	120	22×40	900	PL2H121MND2240Y
	120	25.4×35	890	PL2H121MND2535Y
	120	30×25	900	PL2H121MND3025Y
	150	22×50	1150	PL2H151MND2250Y
	150	25.4×40	1100	PL2H151MND2540Y
	150	30×30	1070	PL2H151MND3030Y
	150	35×25	1090	PL2H151MND3525Y
	180	25.4×45	1220	PL2H181MND2545Y
	180	30×35	1200	PL2H181MND3035Y
	180	35×30	1190	PL2H181MND3530Y
	220	25.4×50	1330	PL2H221MND2550Y
	220	30×40	1300	PL2H221MND3040Y
	220	35×35	1290	PL2H221MND3535Y
550 (2L)	270	30×45	1400	PL2H271MND3045Y
	270	35×40	1380	PL2H271MND3540Y
	39	22×25	330	PL2L390MND2225Y
	47	22×30	400	PL2L470MND2230Y
	47	25.4×25	400	PL2L470MND2525Y
	56	22×35	450	PL2L560MND2235Y
	56	25.4×30	450	PL2L560MND2530Y
550 (2L)	68	22×40	520	PL2L680MND2240Y

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	Rated Ripple current (mA rms/ 105°C, 120Hz)	Part Number
550 (2L)	68	25.4×35	520	PL2L680MND2535Y
	82	22×45	600	PL2L820MND2245Y
	82	25.4×40	600	PL2L820MND2540Y
	82	30×25	600	PL2L820MND3025Y
	100	22×50	720	PL2L101MND2250Y
	100	25.4×45	720	PL2L101MND2545Y
	100	30×30	720	PL2L101MND3030Y
	120	25.4×50	830	PL2L121MND2550Y
	120	30×35	830	PL2L121MND3035Y
	120	35×25	830	PL2L121MND3525Y
	150	30×40	960	PL2L151MND3040Y
	150	35×30	960	PL2L151MND3530Y
	180	30×45	1050	PL2L181MND3045Y
	180	35×35	1050	PL2L181MND3535Y
	220	30×50	1170	PL2L221MND3050Y
	220	35×40	1170	PL2L221MND3540Y
	270	35×45	1300	PL2L271MND3545Y
	330	35×50	1420	PL2L331MND3550Y
600 (2J)	100	22×50	770	PL2J101MND2250Y
	100	25.4×45	770	PL2J101MND2545Y
	100	30×30	830	PL2J101MND3030Y
	100	35×25	850	PL2J101MND3525Y
	120	22×55	880	PL2J121MND2255Y
	120	25.4×50	880	PL2J121MND2550Y
	120	30×35	930	PL2J121MND3035Y
	120	35×25	960	PL2J121MND3525Y
	150	25.4×55	1030	PL2J151MND2555Y
	150	30×40	1060	PL2J151MND3040Y
	150	35×30	1060	PL2J151MND3530Y
	180	30×45	1180	PL2J181MND3045Y
	180	35×35	1180	PL2J181MND3535Y
	220	30×55	1280	PL2J221MND3055Y
	220	35×40	1350	PL2J221MND3540Y
	270	35×45	1490	PL2J271MND3545Y
	330	35×50	1650	PL2J331MND3550Y

### ◆ RIPPLE CURRENT MULTIPLIERS

#### Frequency Multipliers

Vdc	Frequency (Hz)				
	50	120	1K	10K	≥50K
16 ~ 100	0.95	1.00	1.05	1.08	1.08
160 ~ 250	0.81	1.00	1.32	1.45	1.50
350 ~ 600	0.77	1.00	1.30	1.41	1.43