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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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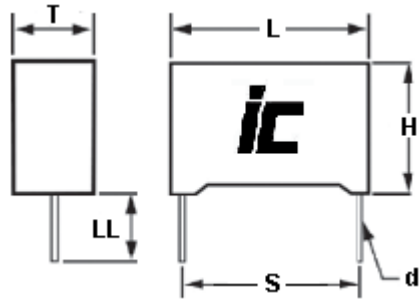
FEATURES

High Current - High Voltage - Good Pulse Current Rating

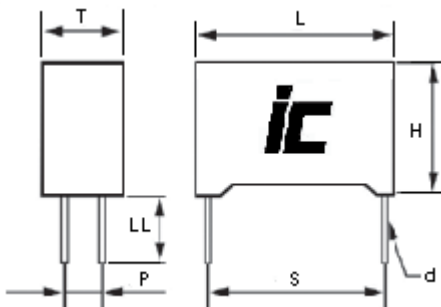
APPLICATIONS

Resonant Circuits - Switching Power Supplies -
Motor Speed Controls - Induction Heaters

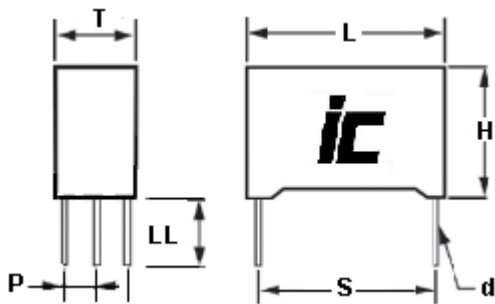
Operating Temperature Range	-40°C to +100°C					
Capacitance Tolerance	±10% at 1 kHz, 25°C ±5% optional					
Non-Recurrent SVDC	WVDC	250	330	400	600	700
	VAC	400	500	600	800	1000
AC voltage (50/60 Hz)	WVDC	250	330	400	600	700
	VAC	160	220	275	350	400
For T>+85°C, The voltage (DC/AC) must be decreased by (1.5/2.5)% per °C						
Dissipation Factor (MAX) 25°C	Frequency (kHz)	C≤5uF		5<C≤25uF		C>25uF
	1	0.05%		0.08%		0.1%
Insulation Resistance @25°C (<70% RH) for 1 minute at 100VDC applied	Insulation Resistance					
	30000 MΩxμF (not to exceed 30GΩ)					
Self Inductance	<1 nano-Henry per mm of lead spacing					
Capacitance Drift Factor	<0.5% after 2 years at 40°C					
Life Expectancy	100000 Hours @WVDC 30000 Hours @ VAC					
	Capacitance Change	≤3% of initially measured value				
Failure quota	300/ Billion component hours					
Damp Heat test	56 days at 40°C with 90 to 95%RH, +40°C and no voltage applied					
	Capacitance Change	≤2% of initially measured value				
	Dissipation Factor	≤0.001 at 1kHz and 25°C				
	Insulation Resistance	≥50% of maximum specified value				
Self Inductance	<1 nano-Henry per mm of lead spacing					
Capacitance Drift Factor	<0.5% after 2 years at 40°C					
Capacitance Temperature Coefficient	-200 ppm/°C, ±100ppm/°C					
Dielectric Strength	Terminal to Terminal			Terminal to case		
	160% of rated VDC Applied for 10 seconds or 150% VAC applied for 2 Seconds and 25°C			3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C		
Dielectric	Polypropylene					
Construction	Metallized film					
Coating	Flame Retardant plastic box with epoxy resin (UL94V-0)					
Leads	Lead free tinned copper leads					



L	26.5	32	32	32	42.5	57.5
H	ALL	<20	20<H<24.5	>24.5	ALL	ALL
T	ALL	ALL	<18	ALL	ALL	ALL
S	22.5	27.5	27.5	27.5	37.5	52.5
d	0.8	0.8	1.0	1.2	1.2	1.2



L	32	42.5	57.5
S	27.5	37.5	52.5
d	1.2	1.2	1.2



L	42.5	57.5
S	37.5	52.5
d	1.2	1.2

PHB

Metallized Polypropylene,
High Frequency radial lead
box

Capacitance (µF)	WVDC	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
0.1	850	104PHB850K2H	300	4	15	32x17x9	27.5	0.8		2
0.1	850	104PHB850K2G	375	4	13	26.5x16x7	22.5	0.8		2
0.15	700	154PHB700K2G	135	4	13	26.5x16x7	22.5	0.8		2
0.15	850	154PHB850K2G	375	5	9.7	26.5x18.5x10	22.5	0.8		2
0.15	850	154PHB850K2H	300	5.5	11	32x20x11	27.5	0.8		2
0.22	600	224PHB600K2G	95	3.5	13	26.5x16x7	22.5	0.8		2
0.22	700	224PHB700K2G	135	4.5	11	26.5x17x8.5	22.5	0.8		2
0.22	850	224PHB850K2G	375	7	7.6	26.5x22x13	22.5	0.8		2
0.22	850	224PHB850K2H	300	6.5	8.3	32x20x11	27.5	0.8		2
0.33	600	334PHB600K2G	95	5	9.5	26.5x17x8.5	22.5	0.8		2
0.33	700	334PHB700K2G	135	6	8.5	26.5x20x11	22.5	0.8		2
0.33	700	334PHB700K2H	105	6	11	32x20x11	27.5	0.8		2
0.33	850	334PHB850K2H	300	8	6.3	32x22x13	27.5	1		2
0.47	400	474PHB400K2G	75	4.5	8.6	26.5x16x7	22.5	0.8		2
0.47	600	474PHB600K2G	95	6	8.3	26.5x18.5x10	22.5	0.8		2
0.47	600	474PHB600K2H	75	6	10	32x20x11	27.5	0.8		2
0.47	700	474PHB700K2H	105	7.5	7.5	32x22x13	27.5	1		2
0.47	850	474PHB850K2H	300	9.5	5.1	32x24.5x15	27.5	1.2		2
0.68	330	684PHB330K2G	60	5	8.9	26.5x16x7	22.5	0.8		2
0.68	400	684PHB400K2G	75	6.5	7.1	26.5x18.5x10	22.5	0.8		2
0.68	400	684PHB400K2H	55	6.5	8.8	32x20x11	27.5	0.8		2
0.68	600	684PHB600K2H	75	7	7.6	32x20x11	27.5	0.8		2
0.68	600	684PHB600K2G	95	7	6.9	26.5x22x13	22.5	0.8		2
0.68	700	684PHB700K2H	105	9	6.1	32x24.5x15	27.5	1		2
0.68	850	684PHB850K2H	300	14	3.8	32x33x18	27.5	1.2		2
0.68	850	684PHB850K4H	300	16	3.1	32x33x18	27.5	1.2	5.1	4
1	250	105PHB250K2G	50	4.5	7.6	26.5x16x7	22.5	0.8		2
1	330	105PHB330K2G	60	6.5	7	26.5x18.5x10	22.5	0.8		2
1	400	105PHB400K2G	75	7.5	5.8	26.5x20x11	22.5	0.8		2
1	400	105PHB400K2H	55	7	6.7	32x20x11	27.5	0.8		2
1	600	105PHB600K2H	75	8.5	6.1	32x22x13	27.5	1		2
1	700	105PHB700K2H	105	13	4.6	32x33x18	27.5	1.2		2
1	700	105PHB700K4H	105	15.5	3.9	32x33x18	27.5	1.2	10.2	4
1	850	105PHB850K4H	300	20.5	2.4	32x37x22	27.5	1.2	10.2	4
1	850	105PHB850K2H	300	14	3.1	32x37x22	27.5	1.2		2
1	850	105PHB850K2J	200	13	4.2	42.5x28x17	37.5	1.2		2
1.5	250	155PHB250K2G	50	6.5	6.1	26.5x17x8.5	22.5	0.8		2
1.5	250	155PHB250K2H	40	6.5	7.1	32x20x11	27.5	0.8		2
1.5	330	155PHB330K2H	45	7.5	6.1	32x20x11	27.5	0.8		2
1.5	400	155PHB400K2H	55	9	5.3	32x22x13	27.5	1		2
1.5	600	155PHB600K2H	75	11.5	4.6	32x28x14	27.5	1.2		2
1.5	700	155PHB700K2H	105	14	4	32x37x22	37.5	1.2		2
1.5	700	155PHB700K2J	70	12	5.6	42.5x28x17	37.5	1.2		2
1.5	700	155PHB700K4H	105	18	3.3	32x37x22	27.5	1.2	10.2	4
1.5	850	155PHB850K2J	200	14	3.4	42.5x30x22	37.5	1.2		2
2	250	205PHB250K2G	50	7.5	5.3	26.5x20x11	22.5	0.8		2
2	250	205PHB250K2H	40	7	6.1	32x20x11	27.5	0.8		2
2	330	205PHB330K2H	45	8.5	5.3	32x22x13	27.5	1		2
2	400	205PHB400K2H	55	10	4.7	32x24.5x15	27.5	1.2		2
2	600	205PHB600K2H	75	14	3.9	32x33x18	27.5	1.2		2
2	600	205PHB600K4H	75	16	3.2	32x33x18	27.5	1.2	10.2	4
2	700	205PHB700K2H	105	14	3.5	32x37x22	27.5	1.2		2
2	700	205PHB700K2J	70	13	4.9	42.5x30x22	37.5	1.2		2
2	700	205PHB700K4H	105	20	2.8	32x37x22	27.5	1.2	10.2	4
2	850	205PHB850K4J	200	23	2.3	42.5x37x28	37.5	1.2	10.2	4
2	850	205PHB850K2J	200	14	3	42.5x37x28	37.5	1.2		2
2.2	250	225PHB250K2G	50	7.5	5.1	26.5x20x11	22.5	0.8		2
2.2	250	225PHB250K2H	40	7	5.8	32x20x11	27.5	0.8		2

PHB

Metallized Polypropylene,
High Frequency radial lead
box

Capacitance (µF)	WVDC	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
2.2	330	225PHB330K2H	45	9	5.1	32x22x13	27.5	1		2
2.2	400	225PHB400K2H	55	10.5	4.4	32x24.5x15	27.5	1.2		2
2.2	600	225PHB600K2H	75	14	3.9	32x33x18	27.5	1.2		2
2.2	600	225PHB600K4H	75	16.5	3.2	32x33x18	27.5	1.2	10.2	4
2.2	700	225PHB700K2J	70	12	4.7	42.5x30x22	37.5	1.2		2
2.2	700	225PHB700K4J	70	15.5	4	42.5x37x28	37.5	1.2	10.2	2
2.2	850	225PHB850K2J	200	14	3	42.5x37x28	37.5	1.2		2
2.2	850	225PHB850K4J	200	24.5	2.3	42.5x37x28	37.5	1.2	10.2	4
2.5	250	255PHB250K2H	40	8	5.4	32x20x11	27.5	0.8		2
2.5	330	255PHB330K2H	45	9.5	4.9	32x22x13	27.5	1		2
2.5	400	255PHB400K2H	55	11	4.2	32x24.5x15	27.5	1.2		2
2.5	850	255PHB850K2J	200	14	2.8	42.5x37x28	37.5	1.2		2
2.5	850	255PHB850K4J	200	24	2.1	42.5x37x28	37.5	1.2	20.3	4
3	250	305PHB250K2H	40	9	4.8	32x22x13	27.5	1		2
3	330	305PHB330K2H	45	10.5	4.3	32x24.5x15	27.5	1		2
3	400	305PHB400K4H	55	17	2.9	32x33x18	27.5	1.2	5.1	4
3	400	305PHB400K2H	55	14	3.6	32x33x18	27.5	1.2		2
3	600	305PHB600K2H	75	14	3.3	32x37x22	27.5	1.2		2
3	600	305PHB600K2J	55	14	4.3	42.5x30x22	37.5	1.2		2
3	600	305PHB600K4H	75	21	2.6	32x37x22	27.5	1.2	10.2	4
3	700	305PHB700K4J	70	20	3.2	42.5x37x28	37.5	1.2	10.2	4
3	700	305PHB700K2J	70	14	3.9	42.5x37x28	37.5	1.2		2
3	850	305PHB850K2J	200	14	2.4	42.5x45x30	37.5	1.2		2
3	850	305PHB850K4J	200	27	1.8	42.5x45x30	37.5	1.2	20.3	4
3.3	250	335PHB250K2H	40	9.5	4.3	32x22x13	27.5	1		2
3.3	330	335PHB330K2H	45	10.5	4.1	32x24.5x15	27.5	1		2
3.3	400	335PHB400K4H	55	17.5	2.8	32x33x18	27.5	1.2	5.1	4
3.3	400	335PHB400K2H	55	14	3.5	32x33x18	27.5	1.2		2
3.3	600	335PHB600K2H	75	14	3.2	32x37x22	27.5	1.2		2
3.3	600	335PHB600K2J	55	14	4.1	42.5x30x22	37.5	1.2		2
3.3	600	335PHB600K4H	75	21.5	2.5	32x37x22	27.5	1.2	10.2	4
3.3	700	335PHB700K4J	70	21.5	3.1	42.5x37x28	37.5	1.2	20.3	4
3.3	700	335PHB700K2J	70	14	3.8	42.5x37x28	37.5	1.2		2
3.3	850	335PHB850K2J	200	14	2.4	42.5x45x30	37.5	1.2		2
3.3	850	335PHB850K4J	200	27	1.8	42.5x45x30	37.5	1.2	20.3	4
4	250	405PHB250K2H	40	10.5	3.8	32x22x13	27.5	1		2
4	400	405PHB400K2H	55	14	3.2	32x33x18	27.5	1.2		2
4	400	405PHB400K4H	55	18.5	2.5	32x33x18	27.5	1.2	10.2	4
4	600	405PHB600K4J	55	17.5	2.9	42.5x37x28	37.5	1.2	10.2	4
4	600	405PHB600K2J	55	14	3.6	42.5x37x28	37.5	1.2		2
4	700	405PHB700K2J	70	14	3.3	42.5x45x30	37.5	1.2		2
4	700	405PHB700K4J	70	22.5	2.7	42.5x45x30	37.5	1.2	20.3	4
4	850	405PHB850K4R	110	25	2.5	57.5x45x30	52.5	1.2	20.3	4
4	850	405PHB850K2R	110	14	3.2	57.5x45x30	52.5	1.2		2
4.7	250	475PHB250K2H	40	12	3.5	32x28x14	27.5	1.2		2
4.7	250	475PHB250K4H	40	15	2.8	32x28x14	27.5	1.2	5.1	4
4.7	330	475PHB330K4H	45	17	2.7	32x33x18	27.5	1.2	5.1	4
4.7	330	475PHB330K2H	45	14	3.4	32x33x18	27.5	1.2		2
4.7	400	475PHB400K2H	55	14	2.8	32x37x22	27.5	1.2		2
4.7	400	475PHB400K2J	40	13.5	3.9	42.5x28x17	37.5	1.2		2
4.7	400	475PHB400K4H	55	21.5	2.1	32x37x22	27.5	1.2	10.2	4
4.7	600	475PHB600K4J	55	22	2.6	42.5x37x28	37.5	1.2	10.2	4
4.7	600	475PHB600K2J	55	14	3.3	42.5x37x28	37.5	1.2		2
4.7	700	475PHB700K2J	70	14	3.1	42.5x45x30	37.5	1.2		2
4.7	700	475PHB700K4J	70	25	2.4	42.5x45x30	37.5	1.2	20.3	4
4.7	850	475PHB850K4R	110	27	2.1	57.5x45x30	52.5	1.2	20.3	4
4.7	850	475PHB850K2R	110	14	2.8	57.5x45x30	52.5	1.2		2
5	250	505PHB250K2H	40	12	3.4	32x28x14	27.5	1.2		2

PHB

Metallized Polypropylene,
High Frequency radial lead
box

Capacitance (µF)	WVDC	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
5	250	505PHB250K4H	40	15	2.7	32x28x14	27.4	1.2	5.1	4
5	330	505PHB330K4H	45	17.5	2.6	32x33x18	27.5	1.2	5.1	4
5	330	505PHB330K2H	45	14	3.3	32x33x18	27.5	1.2		2
5	400	505PHB400K4H	55	22	2.1	32x37x22	27.5	1.2	10.2	4
5	400	505PHB400K2H	55	14	2.8	32x37x22	27.5	1.2		2
5	400	505PHB400K2J	40	14	3.7	42.5x30x22	37.5	1.2		2
5	600	505PHB600K2J	55	14	3.3	42.5x37x28	37.5	1.2		2
5	600	505PHB600K4J	55	22.5	2.6	42.5x37x28	37.5	1.2	10.2	4
5	700	505PHB700K2J	70	14	3	42.5x45x30	37.5	1.2		2
5	700	505PHB700K4J	70	25.5	2.3	42.5x45x30	37.5	1.2	20.3	4
5.6	850	565PHB850K4R	110	27	2	57.5x50x35	52.5	1.2	20.3	4
5.6	850	565PHB850K2R	110	14	2.7	57.5x50x35	52.5	1.2		2
6	700	605PHB700K2R	40	14	5	57.5x45x30	52.5	1.2		2
6	700	605PHB700K4R	40	20	4.3	57.5x45x30	52.5	1.2	20.3	4
6	850	605PHB850K4R	110	27	2	57.5x50x35	52.5	1.2	20.3	4
6	850	605PHB850K2R	110	14	2.6	57.5x50x35	52.5	1.2		2
6.8	250	685PHB250K2H	40	14	3.1	32x33x18	27.5	1.2		2
6.8	250	685PHB250K4H	40	18	2.4	32x33x18	27.5	1.2	5.1	4
6.8	330	685PHB330K2H	45	14	2.8	32x37x22	27.5	1.2		2
6.8	330	685PHB330K2J	30	14	3.7	42.5x28x17	37.5	1.2		2
6.8	330	685PHB330K4H	45	22	2.1	32x37x22	27.5	1.2	10.2	4
6.8	400	685PHB400K4J	40	19.5	2.6	42.5x37x28	37.5	1.2	10.2	4
6.8	400	685PHB400K2J	40	14	3.3	42.5x30x22	37.5	1.2		2
6.8	600	685PHB600K2J	55	14	2.8	42.5x45x30	37.5	1.2		2
6.8	600	685PHB600K4J	55	25.5	2.1	42.5x45x30	37.5	1.2	20.3	4
6.8	700	685PHB700K4R	40	21.5	4	57.5x45x30	52.5	1.2	20.3	4
6.8	700	685PHB700K2R	40	14	4.7	57.5x45x30	52.5	1.2		2
8	700	805PHB700K2R	40	14	4.4	57.5x50x35	52.5	1.2		2
8	700	805PHB700K4R	40	23.5	3.7	57.5x50x35	52.5	1.2	20.3	4
9	600	905PHB600K4J	55	27	1.9	42.5x45x30	37.5	1.2	20.3	4
9	600	905PHB600K2J	55	14	2.6	42.5x45x30	37.5	1.2		2
9	700	905PHB700K2R	40	14	4.1	57.5x50x35	52.5	1.2		2
9	700	905PHB700K4R	40	25	3.4	57.5x50x35	52.5	1.2	20.3	4
10	250	106PHB250K2H	40	20.5	2.6	32x33x18	27.5	1.2		2
10	250	106PHB250K2J	25	14	3.6	42.5x28x17	37.5	1.2		2
10	250	106PHB250K4H	40	20.5	1.9	32x33x18	27.5	1.2	10.2	4
10	400	106PHB400K4J	40	24.5	2.1	42.5x37x28	37.5	1.2	20.3	4
10	400	106PHB400K2J	40	14	2.8	42.5x37x28	37.5	1.2		2
10	600	106PHB600K2R	30	14	4.5	57.5x45x30	52.5	1.2		2
10	600	106PHB600K4R	30	22	3.8	57.5x45x30	52.5	1.2	20.3	4
15	250	156PHB250K2J	25	14	3.1	42.5x30x22	37.5	1.2		2
15	330	156PHB330K2J	30	14	2.7	42.5x37x28	37.5	1.2		2
15	330	156PHB330K4J	30	26	2	42.5x37x28	37.5	1.2	10.2	4
15	400	156PHB400K4J	40	27	1.7	42.5x45x30	37.5	1.2	20.3	4
15	400	156PHB400K2J	40	14	2.4	42.5x45x30	37.5	1.2		2
15	600	156PHB600K2R	30	14	3.7	57.5x50x35	52.5	1.2		2
15	600	156PHB600K4R	30	25	3	57.5x50x35	52.5	1.2	20.3	4
20	250	206PHB250K2J	25	14	2.8	42.5x37x28	37.5	1.2		2
20	250	206PHB250K4J	25	24	2.1	42.5x37x28	37.5	1.2	10.2	4
20	330	206PHB330K4J	30	27	1.8	42.5x45x30	37.5	1.2	20.3	4
20	330	206PHB330K2J	30	14	2.5	42.5x45x30	37.5	1.2		2
20	400	206PHB400K4R	20	24.5	3	57.5x45x30	52.5	1.2	20.3	4
20	400	206PHB400K2R	20	14	3.7	57.5x45x30	52.5	1.2		2
22	250	226PHB250K2J	25	14	2.8	42.5x37x28	37.5	1.2		2
22	250	226PHB250K4J	25	25	2.1	42.5x37x28	37.5	1.2	10.2	4
22	400	226PHB400K4R	20	25.5	2.9	57.5x50x35	52.5	1.2	20.3	4
22	400	226PHB400K2R	20	14	3.6	57.5x50x35	52.5	1.2		2
25	250	256PHB250K4J	25	26.5	1.9	42.5x37x28	37.5	1.2	20.3	4

PHB

**Metallized Polypropylene,
High Frequency radial lead
box**

Capacitance (µF)	WVDC	IC PART NUMBER	dv/dt (v/µ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)	S (MM)	d (MM)	P (MM)	# Leads
25	250	256PHB250K2J	25	14	2.6	42.5x37x28	37.5	1.2		2
25	330	256PHB330K2R	17	14	3.6	57.5x45x30	52.5	1.2		2
25	330	256PHB330K4R	17	23	2.9	57.5x45x30	52.5	1.2	20.3	4
25	400	256PHB400K4R	20	26	2.8	57.5x50x35	52.5	1.2	20.3	4
25	400	256PHB400K2R	20	14	3.4	57.5x50x35	52.5	1.2		2
30	250	306PHB250K2J	25	14	2.6	42.5x45x30	37.5	1.2		2
30	250	306PHB250K4J	25	26.5	1.9	42.5x45x30	37.5	1.2	20.3	4
30	330	306PHB330K2R	17	14	3.4	57.5x45x30	52.5	1.2		2
30	330	306PHB330K4R	17	24.5	2.7	57.5x45x30	52.5	1.2	20.3	4
33	250	336PHB250K2J	25	14	2.4	42.5x45x30	37.5	1.2		2
33	250	336PHB250K4J	25	27	1.7	42.5x45x30	37.5	1.2	20.3	4
33	330	336PHB330K2R	17	14	3.3	57.5x50x35	52.5	1.2		2
33	330	336PHB330K4R	17	26	2.6	57.5x50x35	52.5	1.2	20.3	4
35	330	356PHB330K4R	17	22	2.6	57.5x50x35	52.5	1.2	20.3	4
35	330	356PHB330K2R	17	12	3.2	57.5x50x35	52.5	1.2		2
40	250	406PHB250K4R	15	26	2.6	57.5x45x30	52.5	1.2	20.3	4
40	250	406PHB250K2R	15	14	3.3	57.5x45x30	52.5	1.2		2
40	330	406PHB330K4R	17	27	2.4	57.5x50x35	52.5	1.2	20.3	4
40	330	406PHB330K2R	17	14	3.1	57.5x50x35	52.5	1.2		2
50	250	506PHB250K4R	15	26.5	2.3	57.5x50x35	52.5	1.2	20.3	4
50	250	506PHB250K2R	15	14	3	57.5x50x35	52.5	1.2		2
60	250	606PHB250K2R	15	14	2.7	57.5x50x35	52.5	1.2		2
60	250	606PHB250K4R	15	27	2	57.5x50x35	52.5	1.2	20.3	4