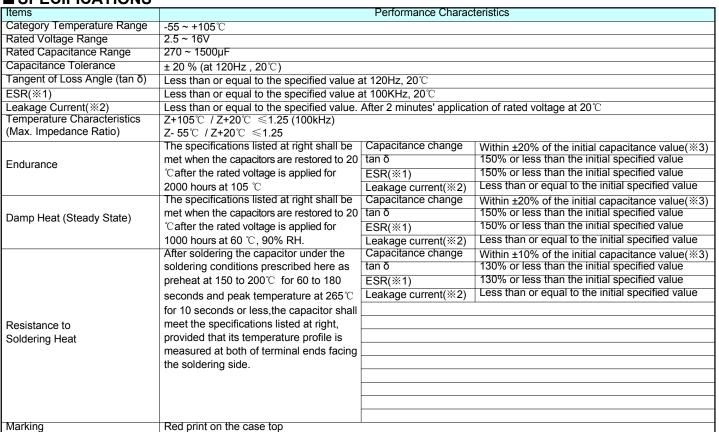
## PB Radial Lead Type, Ultra-low ESR Series

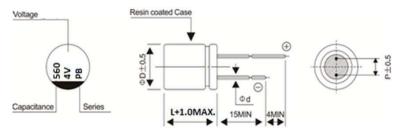
- Ultra-Low ESR, High ripplecurrent.
- Load life of 2000 hours at 105℃.
- Radial leadtype:leadfree flow soldering condition correspondence.
- RoHS Compliance(2011/65/EU)

#### **■ SPECIFICATIONS**



- X1 ESR should be measured at both of the terminal ends closest to the capacitor body.
- ※2 Conditioning: If anydoubt arises, measurethe leakagecurrent afterthe voltagetreatment applying DC ratedvoltagecontinuously to the capacitor for 120 minutes at 105 ℃
- ※3 Initial value: The value before test of examination of resistance to soldering.

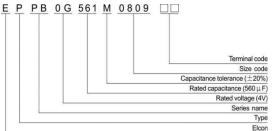
### **■** Dimensions



ΦxL(mm)

Size	6.3x8	6.3x11	8x8	8x11	10x12	10x16
ФD	6.3	6.3	8.0	8	10.0	10
L	8	11	8	11	12	16
Р	2.5	2.5	3.5	3.5	5.0	5
Фd	0.6	0.6	0.6	0.6	0.6	0.6

### Type numbering system(Exp:4V 560µF)



voitag	ge			
V	2.5	4	6.3	16
Code	0E	0G	0J	1C

# PB <sub>Series</sub>

### ■ STANDARD RATINGS

Rated	Surge	Rated	Case Size	ton 5	Leakage	ESR(mΩ)	Rated Ripple	Dort Niversham
voltage (V)(code)	Voltage (V)	Capacitance (µF)	ΦD x L(mm)	tan δ	Current (µA)	(at 100kHz 20°C)		Part Number
( )(===)	( )	560	6.3x8	0.08	280	7	5900	EPPB0E561M630
2.5		820	6.3x8	0.08	410	7	5900	EPPB0E821M630
2.5	2.8	820	8x8	0.08	410	7	5900	EPPB0E821M080
(0E)		1000	6.3x8	0.08	500	7	5900	EPPB0E102M630
		1500	8X8	0.08	750	7	6100	EPPB0E152M080
		560	6.3x8	0.08	224	9	5900	EPPB0G561M630
4	4.6	680	6.3x8	0.08	272	9	5900	EPPB0G681M630
(0G)		820	6.3x11	0.08	328	7	6150	EPPB0G821M631
		1200	6.3x11	0.08	480	7	6150	EPPB0G122M63
		100	5x6	80.0	126		2400	EPPB0J101M050
		220	6.3x5.5	0.08	278	17	3160	EPPB0J221M635
		220	6.3x7	0.08	278	10	3600	EPPB0J221M630
		270	5x7	0.08	340	10	3200	EPPB0J271M050
		270	5x8	0.08	340	10	3200	EPPB0J271M050
		270	5x9	0.08	340	10	3200	EPPB0J271M050
		270	6.3x7	0.08	340	10	4100	EPPB0J271M630
		330	5x8	80.0	416	10	3200	EPPB0J331M050
		330	6.3x5.2	0.08	416	9	4800	EPPB0J331M63
		330	6.3x5.5	0.08	416	9	4800	EPPB0J331M635
		330	6.3x5.7	0.08	416	9	4800	EPPB0J331M635
6.3	7.2	330	6.3x6	0.08	416	9	4800	EPPB0J331M630
(0J)	1.2	330	6.3x8	0.08	416	9	5000	EPPB0J331M630
		390	5x8	0.08	492	12	3100	EPPB0J391M050
		390	5x9	0.08	492	12	3100	EPPB0J391M050
		390	6.3x8	0.08	492	12	3300	EPPB0J391M630
		470				12		
			5x9	0.08	492		3600	EPPB0J471M050
		470	6.3x8	0.08	492	9	5900	EPPB0J471M630
		470	8x8	0.08	492	9	5900	EPPB0J471M080
		560	5x9	80.0	706	12	3600	EPPB0J561M050
		560	6.3x8	0.08	706	9	5900	EPPB0J561M630
		560	8x8	0.08	706	8	5900	EPPB0J561M080
		680	5x12	0.08	856	15	5500	EPPB0J681M05
		680	6.3x8	0.08	1034	9	5900	EPPB0J681M630
		820	5x11	0.08	1034	8	5500	EPPB0J821M551
		820	5x12	80.0	1034	8	5500	EPPB0J821M05
		820	6.3x8	0.08	1034	9	5900	EPPB0J821M630
		820	6.3x9	0.08	1034	9	5900	EPPB0J821M630
		820	6.3x11	0.08	1034	7	6150	EPPB0J821M63
		820	8x8	0.08	1034	9	5900	EPPB0J821M080
		820	8x11	0.08	1034	9	6150	EPPB0J821M08
		1000	6.3x11	0.08	1260	12	6150	EPPB0J102M63 <sup>2</sup>
		1000	8x8	0.08	1260	10	6000	EPPB0J102M080
		1000	8x11	0.08	1260	9	6150	EPPB0J102M08
		1200	6.3x12	0.08	1512	9	6100	EPPB0J102M63
		1200	8x12	80.0	1512	9	6150	EPPB0J122M08
		1500	8x12	80.0	1890	9	6150	EPPB0J152M081
		1500	10x12	0.08	1890	9	6200	EPPB0J152M101
		2200	10x12	0.08	2772	9	6200	EPPB0J222M101
		500	5x9	0.08	375	11	3800	EPPB0J501M050
		500	6.3x9	0.08	375	9	5900	EPPB0J501M630
7.5 (0T)	8.6	560 560	5x9 6.3x9	0.08	420 420	11 9	4000 5900	EPPB0J561M050 EPPB0J561M630
	0.0	680	6.3x9 6.3x9	0.08	510	9	5900	EPPB0J561M630
		820	6.3x9	0.08	615	9	5900	EPPB0J821M630
		220	5x8	0.08	440	16	3500	EPPB1A221M050
10		270	6.3x8	0.08	540	10	4100	EPPB1A271M630
(1A)	11.5	330	6.3x8	0.08	660	12	4500	EPPB1A331M630
` ′		330	8x8	0.08	660	12	4620	EPPB1A331M080
		470	5x11	0.08	940	16	3000	EPPB1A471M05

## **ELCON**

### **Conductive Polymer Aluminum Solid Electrolytic Capacitors**

### 470		7				• · • · · · · · · ·			icon cijuo cupu
Section			470	6.3X8	0.08	940	9	5400	EPPB1A471M6308
Se0			470	8X8	0.08	940	10	5600	EPPB1A471M0808
680 6.3x12			560	6.3x9		1120	9	5400	EPPB1A561M6309
680			560	8X8	0.08	1120	9	5600	EPPB1A561M0808
680   8X8   0.08   1390   9   5600   EPPB1A681M08018			680	6X12	0.08	1360	13	3650	EPPB1A681M0612
680			680	6.3x12	0.08	1360	13	3650	EPPB1A471M0511
1800   8X11   0.08   13860   9   6100   EPPBIA02IM0811								5600	EPPB1A681M0808
1000									EPPB1A681M0811
1500   8X12   0.08   3000   10   5700   EPPB1A152MI012								6100	EPPB1A821M0811
1500									
13.8									
12(1R)   13.8   330									
12(1R)  13.8  330			2200	10X12	0.08	4400	9	6500	EPPB1A222M1012
330 6.3X8 0.08 386 12 2690 EPPBIC331M6308 100 6.3X6 0.08 160 24 2500 EPPBIC101M6308 100 6.3X6 0.08 160 24 2500 EPPBIC101M6307 100 6.3X7 0.08 160 24 2500 EPPBIC101M6307 100 6.3X7 0.08 160 24 2500 EPPBIC101M6307 120 100 6.3X7 0.08 160 16 3250 EPPBIC101M6307 120 100 6.3X8 0.08 352 20 3330 EPPBIC221M6309 120 120 6.3X8 0.08 352 12 3550 EPPBIC221M6509 120 120 6.3X8 0.08 352 12 3550 EPPBIC221M6509 120 120 120 120 120 120 120 120 120 120	10(10)	12.0	330	5X9	0.08	396	14	3800	EPPB1R331M0509
100	12(1R)	13.8	330	5.5X9	0.08	396	14	3800	EPPB1R331M5509
100			330	6.3X8	0.08	396	12	2690	EPPB1C331M6308
100			100	5x8	0.08	160	24	2500	EPPB1C101M0508
18.4			100	6.3x6	0.08	160	24	2560	EPPB1C101M6306
18.4   220   6.3X8   0.08   352   12   3550   EPPBIC221M6308   270   5.5x10   0.08   432   10   4100   EPPBIC27IM5510   270   6.3X8   0.08   432   10   4100   EPPBIC27IM5080   270   8X8   0.08   432   10   5000   EPPBIC27IM6080   270   8X8   0.08   432   10   5000   EPPBIC27IM6080   270   8X11   0.08   432   10   5000   EPPBIC27IM6081   330   6.5X11   0.08   528   14   4000   EPPBIC33IM6511   330   6.3X7   0.08   528   12   4500   EPPBIC33IM6511   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X11   0.08   528   12   4500   EPPBIC33IM6309   330   6.3X11   0.08   528   12   4500   EPPBIC33IM6309   330   6.3X11   0.08   528   12   4300   EPPBIC33IM6310   330   8X8   0.08   528   10   5000   EPPBIC33IM6310   330   8X8   0.08   528   9   6100   EPPBIC33IM6310   470   6.3X11   0.08   752   10   5000   EPPBIC33IM6310   470   6.3X11   0.08   752   10   5200   EPPBIC47IM6310   470   6.3X12   0.08   752   10   5200   EPPBIC47IM6310   470   6.3X12   0.08   752   10   5200   EPPBIC47IM6310   470   6.3X11   0.08   752   10   5200   EPPBIC47IM6310   470   10X10   0.08   752   10   5400   EPPBIC47IM6310   470   10X10   0.08   752   10   5400   EPPBIC47IM6310   470   10X10   0.08   752   9   5800   EPPBIC47IM6311   560   6.3X11   0.08   896   12   5200   EPPBIC47IM6311   560   6.3X11   0.08   896   12   5200   EPPBIC68IM6311   560   6.3X11   0.08   896   12   5200   EPPBIC68IM6311   680   6.3X11   0.08   896   10   5400   EPPBIC68IM6311   680   6.3X11   0.08   896   10   5400   EPPBIC68IM6311   680   6.3X11   0.08   896   10   5400   EPPBIC68IM6311   680   6.3X11   0.08   1088   10   5600   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680			100	6.3X7	0.08	160	16	3250	EPPB1C101M6307
18.4   220   6.3X8   0.08   352   12   3550   EPPBIC221M6308   270   5.5x10   0.08   432   10   4100   EPPBIC27IM5510   270   6.3X8   0.08   432   10   4100   EPPBIC27IM5080   270   8X8   0.08   432   10   5000   EPPBIC27IM6080   270   8X8   0.08   432   10   5000   EPPBIC27IM6080   270   8X11   0.08   432   10   5000   EPPBIC27IM6081   330   6.5X11   0.08   528   14   4000   EPPBIC33IM6511   330   6.3X7   0.08   528   12   4500   EPPBIC33IM6511   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X11   0.08   528   12   4500   EPPBIC33IM6309   330   6.3X11   0.08   528   12   4500   EPPBIC33IM6309   330   6.3X11   0.08   528   12   4300   EPPBIC33IM6310   330   8X8   0.08   528   10   5000   EPPBIC33IM6310   330   8X8   0.08   528   9   6100   EPPBIC33IM6310   470   6.3X11   0.08   752   10   5000   EPPBIC33IM6310   470   6.3X11   0.08   752   10   5200   EPPBIC47IM6310   470   6.3X12   0.08   752   10   5200   EPPBIC47IM6310   470   6.3X12   0.08   752   10   5200   EPPBIC47IM6310   470   6.3X11   0.08   752   10   5200   EPPBIC47IM6310   470   10X10   0.08   752   10   5400   EPPBIC47IM6310   470   10X10   0.08   752   10   5400   EPPBIC47IM6310   470   10X10   0.08   752   9   5800   EPPBIC47IM6311   560   6.3X11   0.08   896   12   5200   EPPBIC47IM6311   560   6.3X11   0.08   896   12   5200   EPPBIC68IM6311   560   6.3X11   0.08   896   12   5200   EPPBIC68IM6311   680   6.3X11   0.08   896   10   5400   EPPBIC68IM6311   680   6.3X11   0.08   896   10   5400   EPPBIC68IM6311   680   6.3X11   0.08   896   10   5400   EPPBIC68IM6311   680   6.3X11   0.08   1088   10   5600   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680   EPPBIC68IM6311   680			220	5X9	0.08	352	20	3300	EPPB1C221M0509
16(1C)   18.4   270   5.5x10   0.08   432   10   4100   EPPBIC27IM5510   270   6.3X8   0.08   432   10   5000   EPPBIC27IM6308   270   8X8   0.08   432   10   5000   EPPBIC27IM0808   270   8X11   0.08   432   10   5000   EPPBIC37IM0811   330   5.5X11   0.08   528   12   4500   EPPBIC33IM6307   330   6.3X7   0.08   528   12   4500   EPPBIC33IM6307   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X8   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X11   0.08   528   12   4500   EPPBIC33IM6308   330   6.3X11   0.08   528   12   4500   EPPBIC33IM6311   330   8X8   0.08   528   12   4500   EPPBIC33IM6311   330   8X8   0.08   528   10   5000   EPPBIC33IM6311   330   8X8   0.08   528   10   5000   EPPBIC33IM6311   330   8X8   0.08   624   10   5000   EPPBIC33IM6310   470   6.3X11   0.08   752   10   5200   EPPBIC47IM6310   EPPBIC561M6311			220						EPPB1C221M6308
270									
270									
16(1C)   18.4   270   8X11   0.08   432   10   5000   EPPB1C271M0811   330   5.5X11   0.08   528   14   4000   EPPB1C331M6501   330   6.3X7   0.08   528   12   4500   EPPB1C331M6308   330   6.3X8   0.08   528   12   4500   EPPB1C331M6308   330   6.3X8   0.08   528   12   4500   EPPB1C331M6309   330   6.3X11   0.08   528   12   4500   EPPB1C331M6309   330   6.3X11   0.08   528   12   4500   EPPB1C331M6301   330   8X8   0.08   528   10   5000   EPPB1C331M6311   330   8X8   0.08   528   9   6100   EPPB1C331M012   330   8X8   0.08   528   9   6100   EPPB1C331M012   330   8X8   0.08   624   10   5000   EPPB1C331M012   330   8X8   0.08   624   10   5000   EPPB1C331M012   470   6.3X11   0.08   752   10   5200   EPPB1C471M6310   470   6.3X12   0.08   752   12   4100   EPPB1C471M6310   470   6.3X12   0.08   752   13   5000   EPPB1C471M0811   470   8X8   0.08   752   13   5000   EPPB1C471M0811   470   10X10   0.08   752   9   5800   EPPB1C471M0818   470   10X10   0.08   752   9   5800   EPPB1C471M0811   470   10X10   0.08   752   9   5800   EPPB1C471M0811   560   6.3X12   0.08   896   12   5200   EPPB1C561M6311   560   6.3X11   0.08   896   12   5200   EPPB1C561M6311   560   6.3X11   0.08   896   12   5200   EPPB1C561M6311   560   6.3X11   0.08   896   12   5200   EPPB1C561M6311   680   6.3X11   0.08   896   10   5400   EPPB1C561M6311   680   6.3X11   0.08   1088   10   4600   EPPB1C681M6311   680   6.3X11   0.08   1088   10   5400   EPPB1C681M6311   680   6.3X12   0.08   1312   10   5700   EPPB1C821M0810   820   8X12   0.08   1312   10   5700   EPPB1C821M0810   820   8X12   0.08   1312   10   5700   EPPB1C821M0810   1000   8X12   0.08   1300   9   6500   EPPB1C121M0812   1000   1000   8X12   0.08   1300   9   6500   EPPB1C121M0812   1500   100013   0.08   2400   9   6500   EPPB1C122M01012   150									
330   5.5X11   0.08   528   14   4000   EPPBIC331M5511									
330   6.3X7   0.08   528   12   4500   EPPBIC331M6307									
330   6.3X8   0.08   528   12   4500   EPPBIC331M6308									
330   6.3X9   0.08   528   12   4500   EPPBIC331M6309   330   6.3X11   0.08   528   12   4300   EPPBIC331M6311   330   8X8   0.08   528   10   5000   EPPBIC331M0808   330   10X12   0.08   528   9   6100   EPPBIC331M0808   330   10X12   0.08   528   9   6100   EPPBIC331M0808   470   6.3X10.5   0.08   752   10   5200   EPPBIC471M6310   470   6.3X12   0.08   752   10   5200   EPPBIC471M6310   470   6.3X12   0.08   752   10   5200   EPPBIC471M6310   470   8.3X1   0.08   752   10   5200   EPPBIC471M6310   470   8.3X1   0.08   752   13   5000   EPPBIC471M0808   470   8X8   0.08   752   13   5000   EPPBIC471M0808   470   10X10   0.08   752   10   5400   EPPBIC471M010   470   10X12   0.08   752   9   5800   EPPBIC471M010   470   10X12   0.08   752   9   5800   EPPBIC471M010   470   10X12   0.08   752   9   5800   EPPBIC561M6312   560   6.3X11   0.08   896   12   5200   EPPBIC561M6311   560   8X9   0.08   896   12   5200   EPPBIC561M6311   680   6.3X11   0.08   896   12   5200   EPPBIC561M0811   680   6.3X14   0.08   1088   10   4600   EPPBIC681M0811   680   6.3X14   0.08   1088   10   4600   EPPBIC681M0811   680   6.3X14   0.08   1088   10   5400   EPPBIC681M0811   680   8X10.5   0.08   1312   10   5700   EPPBIC681M0810   820   8X10.5   0.08   1312   10   5700   EPPBIC821M0810   820   8X12   0.08   1312   10   5700   EPPBIC821M0810   820   8X12   0.08   1312   10   5700   EPPBIC821M0810   1000   8X12   0.08   1312   10   5800   EPPBIC821M0812   1000   8X12   0.08   1312   10   5800   EPPBIC102M1012   1200   8X12   0.08   1600   9   6500   EPPBIC102M1012   1200   8X12   0.08   1600   9   6500   EPPBIC102M1012   1200   8X12   0.08   1920   9   6500   EPPBIC102M1012   1200   8X16   0.08   2400   9   6500   EPPBIC152M1016   1500   10X13   0.08   2400   9   6500   EPPBIC152M1016   1500   10X16   0.									
330   6.3X11   0.08   528   12   4300   EPPBIC331M6311									
18.4   330   8X8   0.08   528   10   5000   EPPB1C331M0808   330   10X12   0.08   528   9   6100   EPPB1C331M01012   390   8X8   0.08   624   10   5000   EPPB1C331M0808   470   6.3X11   0.08   752   10   5200   EPPB1C471M6310   470   6.3X12   0.08   752   10   5200   EPPB1C471M6312   470   8X8   0.08   752   13   5000   EPPB1C471M6312   470   8X8   0.08   752   13   5000   EPPB1C471M6312   470   8X11   0.08   752   10   5400   EPPB1C471M0813   470   10X10   0.08   752   9   5800   EPPB1C471M0811   470   10X12   0.08   752   9   5800   EPPB1C471M1010   470   10X12   0.08   752   9   5800   EPPB1C471M1010   470   10X12   0.08   752   9   5800   EPPB1C471M1010   560   6.3X11   0.8   896   12   5200   EPPB1C561M6312   560   6.3X11   0.8   896   12   5200   EPPB1C561M6311   560   8X9   0.08   896   12   5200   EPPB1C561M6311   560   8X11   0.08   896   10   5400   EPPB1C561M0809   560   8X11   0.08   896   10   5400   EPPB1C561M0811   680   6.3X11   0.08   1088   10   5400   EPPB1C561M0811   680   6.3X11   0.08   1088   10   5400   EPPB1C561M0811   680   8X11   0.08   1088   10   5400   EPPB1C561M0811   680   8X11   0.08   1088   10   5400   EPPB1C681M0811   820   8X10.5   0.08   1312   10   5700   EPPB1C821M0810   820   8X12   0.08   1312   10   5700   EPPB1C821M0810   820   8X12   0.08   1312   10   5700   EPPB1C821M0810   1000   8X12   0.08   1600   9   6500   EPPB1C121M1012   1000   8X12   0.08   1600   9   6500   EPPB1C121M0112   1200   8X12   0.08   1920   9   6500   EPPB1C121M0112   1200   8X12   0.08   1920   9   6500   EPPB1C121M0112   1500   8X16   0.08   2400   9   6500   EPPB1C152M1013   1500   10X16   0.08   2400   9   6500   EPPB1C152M1013   1500   10X16   0.08   2400   9   6500   EPPB1C152M1016   2200   10X16   0.08   3520   10   5800   EPPB1C152M1016   2200   10X16   0.08   3520   10   5800   EPPB1C152M1016									
18.4   330   10X12   0.08   528   9   6100   EPPB1C331M1012									
16(1C)									
16(1C)									
16(1C)			390	8X8	0.08	624	10	5000	EPPB1C391M0808
16(1C)  18.4  470  8.X8  0.08  752  13  5000  EPPB1C471M6312  470  8X81  0.08  752  13  5000  EPPB1C471M0808  10  EPPB1C471M0811  470  10X10  0.08  752  9  5800  EPPB1C471M1010  470  10X12  0.08  752  9  5800  EPPB1C471M1010  560  6.3x12  0.08  896  12  5200  EPPB1C561M6312  560  6.3x11  0.8  896  12  5200  EPPB1C561M6312  560  8X9  0.08  896  12  5200  EPPB1C561M6311  560  8X9  0.08  896  12  5200  EPPB1C561M0809  560  8X11  0.08  896  10  5400  EPPB1C561M0809  560  8X11  0.08  10  5400  EPPB1C561M0811  680  6.3x11  0.08  1088  10  4600  EPPB1C681M6311  680  6.3x11  0.08  1088  10  4600  EPPB1C681M6311  820  8X10.5  0.08  1312  10  5700  EPPB1C821M0810  820  8X12  0.08  1312  10  5700  EPPB1C821M0810  820  8X12  0.08  1312  10  5700  EPPB1C821M0812  1000  8X12  0.08  1312  10  5800  EPPB1C821M0812  1000  8X12  0.08  1312  10  5800  EPPB1C821M0812  1000  8X12  0.08  1312  10  5800  EPPB1C821M0812  1000  10X12  0.08  1300  9  6500  EPPB1C12M0812  1200  10X12  0.08  1920  9  6500  EPPB1C12M0812  1500  10X12  0.08  2400  9  6500  EPPB1C152M1013  1500  10X16  0.08  2400  9  6500  EPPB1C152M1013  1500  10X16  0.08  2400  9  6500  EPPB1C152M1013  1500  10X16  0.08  3520  10  5800  EPPB1C152M1016			470	6.3X10.5	0.08	752	10	5200	EPPB1C471M6310
16(1C)  18.4  470 8X8 0.08 752 13 5000 EPPBIC471M0808  470 10X10 0.08 752 9 5800 EPPBIC471M1010  470 10X12 0.08 752 9 5800 EPPBIC471M1010  560 6.3x12 0.08 896 12 5200 EPPBIC561M6311  560 8X9 0.08 896 12 5200 EPPBIC561M0809  560 8X11 0.08 896 12 5200 EPPBIC561M0809  560 8X11 0.08 896 10 5400 EPPBIC561M0811  680 6.3x11 0.08 896 10 5400 EPPBIC661M0811  680 6.3x11 0.08 1088 10 4600 EPPBIC661M0811  680 6.3x14 0.08 1088 10 4600 EPPBIC661M0811  820 8X10.5 0.08 1312 10 5700 EPPBIC681M0811  820 8X10.5 0.08 1312 10 5700 EPPBIC821M0812  820 10X12 0.08 1312 10 5700 EPPBIC821M0812  820 10X12 0.08 1312 10 5700 EPPBIC821M0812  820 10X12 0.08 1312 10 5600 EPPBIC821M0812  820 10X12 0.08 1600 10 6000 EPPBIC102M0812  1000 8X12 0.08 1600 9 6500 EPPBIC102M0812  1200 10X12 0.08 1920 9 6500 EPPBIC121M1012  1500 8x16 0.08 2400 9 6500 EPPBIC152M0101  1500 10X16 0.08 2400 9 6500 EPPBIC152M1013  1500 10X16 0.08 2400 9 6500 EPPBIC152M1013  1500 10X16 0.08 2400 9 6500 EPPBIC152M1016			470	6.3X11	0.08	752	12	4100	EPPB1C471M6310
18.4			470	6.3X12	0.08	752	10	5200	EPPB1C471M6312
470 10X10 0.08 752 9 5800 EPPBIC471M1010 470 10X12 0.08 752 9 5800 EPPBIC471M1012 560 6.3x12 0.08 896 12 5200 EPPBIC561M6312 560 6.3x11 0.8 896 12 5200 EPPBIC561M6311 560 8X9 0.08 896 12 5200 EPPBIC561M0809 560 8X11 0.08 896 10 5400 EPPBIC561M0811 680 6.3x11 0.08 1088 10 4600 EPPBIC561M0811 680 6.3x14 0.08 1088 10 4600 EPPBIC681M6311 680 6.3x14 0.08 1088 10 5400 EPPBIC681M6311 820 8X11 0.08 1088 10 5400 EPPBIC681M0811 820 8X10.5 0.08 1312 10 5700 EPPBIC821M0810 820 8X12 0.08 1312 10 5700 EPPBIC821M0812 820 10X12 0.08 1312 10 5700 EPPBIC821M0812 820 10X12 0.08 1312 10 5700 EPPBIC821M0812 1000 8X12 0.08 1600 10 6000 EPPBIC102M0812 1000 10X12 0.08 1600 9 6500 EPPBIC121M0812 1200 8X12 0.08 1920 9 6500 EPPBIC121M0812 1500 8X16 0.08 2400 9 6500 EPPBIC152M1012 1500 10X12 0.08 2400 9 6500 EPPBIC152M1013 1500 10X16 0.08 2400 9 6500 EPPBIC152M1016			470	8X8	0.08	752	13	5000	EPPB1C471M0808
470         10X10         0.08         752         9         5800         EPPB1C471M1010           470         10X12         0.08         752         9         5800         EPPB1C471M1012           560         6.3x12         0.08         896         12         5200         EPPB1C561M6312           560         6.3x11         0.8         896         12         5200         EPPB1C561M6311           560         8X9         0.08         896         12         5200         EPPB1C561M0809           560         8X9         0.08         896         10         5400         EPPB1C561M08011           680         6.3x11         0.08         896         10         5400         EPPB1C561M0811           680         6.3x14         0.08         1088         10         4600         EPPB1C681M6311           680         6.3x14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           680         8X11         0.08         1312         10         5700         EPPB1C681M6311           820         8X12 <td< td=""><td>16( 1C)</td><td>18.4</td><td>470</td><td>8X11</td><td>0.08</td><td>752</td><td>10</td><td>5400</td><td>EPPB1C471M0811</td></td<>	16( 1C)	18.4	470	8X11	0.08	752	10	5400	EPPB1C471M0811
560         6.3x12         0.08         896         12         5200         EPPB1C561M6312           560         6.3x11         0.8         896         12         5200         EPPB1C561M6311           560         8X9         0.08         896         12         5200         EPPB1C561M0809           560         8X11         0.08         896         10         5400         EPPB1C561M0811           680         6.3x11         0.08         1088         10         4600         EPPB1C681M6311           680         6.3x14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12	` ′		470	10X10	0.08	752	9	5800	EPPB1C471M1010
560         6.3x12         0.08         896         12         5200         EPPB1C561M6312           560         6.3x11         0.8         896         12         5200         EPPB1C561M6311           560         8X9         0.08         896         12         5200         EPPB1C561M0809           560         8X11         0.08         896         10         5400         EPPB1C561M0811           680         6.3x11         0.08         1088         10         4600         EPPB1C681M6311           680         6.3x14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12			470	10X12	0.08	752	9	5800	EPPB1C471M1012
560         6.3x11         0.8         896         12         5200         EPPB1C561M6311           560         8X9         0.08         896         12         5200         EPPB1C561M0809           560         8X11         0.08         896         10         5400         EPPB1C561M0811           680         6.3x11         0.08         1088         10         4600         EPPB1C681M6311           680         6.3X14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M6314           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         10X12									
560         8X9         0.08         896         12         5200         EPPB1C561M0809           560         8X11         0.08         896         10         5400         EPPB1C561M0811           680         6.3x11         0.08         1088         10         4600         EPPB1C681M6311           680         6.3X14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M0811           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1200         8x12         0.08         1920         9         6500         EPPB1C121M012           1500         8x16									
560         8X11         0.08         896         10         5400         EPPB1C561M0811           680         6.3X11         0.08         1088         10         4600         EPPB1C681M6314           680         6.3X14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M0811           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M0812           1000         8X12         0.08         1600         10         6000         EPPB1C821M1012           1200         8X12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C12M0816           1500         10X12									
680         6.3x11         0.08         1088         10         4600         EPPB1C681M6311           680         6.3X14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M0811           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M0812           1000         8X12         0.08         1312         10         5800         EPPB1C821M1012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1200         8X12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8X16         0.08         2400         9         6500         EPPB1C152M1013           1500         10X13									
680         6.3X14         0.08         1088         10         4600         EPPB1C681M6314           680         8X11         0.08         1088         10         5400         EPPB1C681M0811           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M1012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1000         10X12         0.08         1600         9         6500         EPPB1C102M0812           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C152M0816           1500         8x16         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16									
680         8X11         0.08         1088         10         5400         EPPB1C681M0811           820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M1012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1000         10X12         0.08         1600         9         6500         EPPB1C102M1012           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M012           1500         8x16         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16									
820         8X10.5         0.08         1312         10         5700         EPPB1C821M0810           820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M1012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1000         10X12         0.08         1600         9         6500         EPPB1C102M1012           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M1012           1500         10X12         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016									
820         8X12         0.08         1312         10         5700         EPPB1C821M0812           820         10X12         0.08         1312         10         5800         EPPB1C821M1012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1000         10X12         0.08         1600         9         6500         EPPB1C102M1012           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M1012           1500         10X12         0.08         2400         9         6500         EPPB1C152M1013           1500         10X13         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016			680	8X11	0.08	1088	10	5400	
820         10X12         0.08         1312         10         5800         EPPB1C821M1012           1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1000         10X12         0.08         1600         9         6500         EPPB1C102M1012           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C12M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M1012           1500         10X12         0.08         2400         9         6500         EPPB1C152M1013           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016			820	8X10.5	0.08	1312	10	5700	
1000         8X12         0.08         1600         10         6000         EPPB1C102M0812           1000         10X12         0.08         1600         9         6500         EPPB1C102M1012           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M0816           1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016			820	8X12	0.08	1312	10	5700	EPPB1C821M0812
1000         10X12         0.08         1600         9         6500         EPPB1C102M1012           1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M0816           1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016			820	10X12	0.08	1312	10	5800	EPPB1C821M1012
1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M0816           1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016			1000	8X12	0.08	1600	10	6000	EPPB1C102M0812
1200         8x12         0.08         1920         9         6500         EPPB1C121M0812           1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M0816           1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016			1000	10X12	0.08	1600	9	6500	EPPB1C102M1012
1200         10X12         0.08         1920         9         6500         EPPB1C121M1012           1500         8x16         0.08         2400         9         6500         EPPB1C152M0816           1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016									
1500         8x16         0.08         2400         9         6500         EPPB1C152M0816           1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016									
1500         10X12         0.08         2400         9         6500         EPPB1C152M1012           1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016									
1500         10X13         0.08         2400         9         6500         EPPB1C152M1013           1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016									
1500         10X16         0.08         2400         9         6500         EPPB1C152M1016           2200         10X16         0.08         3520         10         5800         EPPB1C222M1016									<del> </del>
2200 10X16 0.08 3520 10 5800 EPPB1C222M1016									
18V(1Z)   1000   10X12   0.08   1800   9   6500   EPPB1Z102M1012	46) (( )=)								
	18V(1Z)		1000	10X12	0.08	1800	9	6500	EPPB1Z102M1012