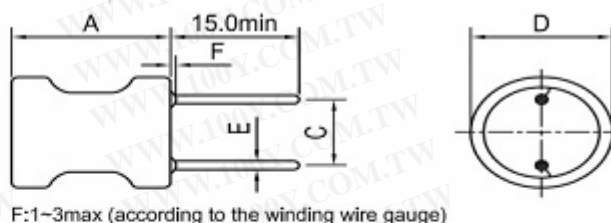


Shape and size : (Dimensions are in mm)



3L P / N	A max	C	D max	E±0.05	3L P / N	A max	C	D max	E±0.05
PK0406	8.0	2.0±0.5	5.5	0.55	PK1010	13.0	5.0±1.0	12.0	0.80
PK0608	11.0	2.5±0.5	7.5	0.65	PK1012	15.0	6.0±1.0	12.0	0.80
PK0707	9.5	5.0±1.0	8.5	0.65	PK1018	21.0	6.0±1.0	12.0	0.80
PK0807	9.5	5.0±1.0	10.0	0.65	PK1213	16.0	7.5±1.0	14.0	0.80
PK0810	13.0	5.0±1.0	10.0	0.65					

Features :

- Low cost.
- Wide range of inductance.
- Small mounting space required.
- 0406 type with excellent characteristics for high Q.
- The other types with low DCR, large current, best for the power supply line.
- Covered with PVC sleeve or UL tube.
- Tape packaging for automatic insertion.

Ordering information :

PK 0608 - 503 K - S0 - TF

(1) (2) (3) (4) (5) (6)

- (1) Type : **Peaking coils** .
- (2) Style : Core **OD=6 mm; L=8 mm**
- (3) Inductance : "**503**" for **50 mH**
- (4) Inductance tolerance: **J: ±5%; K: ±10%; M: ± 20%**.
- (5) Sleeve : "**S0**": **Black** UL Tube sleeve, "**S6**": **Blue**...
 "UL": Black UL 125°C Tube; No code: No sleeve.
- (6) Taping Mode : **TF** Taping; No code: bulk

Inductance and rated current ranges :

· PK0406	1.0uH ~ 25mH	2.0A ~ 20mA
· PK0608	3.3uH ~ 150mH	3.5A ~16mA
· PK0707	1.0uH ~ 1.5mH	5.0A ~ 180mA
· PK0810	3.3uH ~ 100mH	5.0A ~ 28mA
· PK1010	3.3uH ~ 15 mH	5.9A ~ 120mA
· PK1012	10mH ~ 100mH	170mA ~ 45mA
· PK1018	4.7uH ~ 100mH	6.0A ~ 60mA
· PK1213	10uH ~ 10 mH	5.1A ~ 240mA

Characteristics :

- Rated DC Current: It is either the inductance is 10% lower than its initial value in D.C. saturation characteristics or temperature raise becomes $\Delta T=20^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$), whichever is lower.
- Operating temperature : -20°C to 85°C .

Applications :

- TVs and Audio equipment.
- Telecommunication devices .
- Person computer.
- Switching Power Supply.
- Other noise filter.

Test equipments and test setup :

- L & Q: HP 4285A or HP 4284A.
- DCR : Milli-ohm meter.
- SRF : HM9461 L-SRF meter or equivalent.
- Electrical specifications at 25°C .

Part No.	L @1kHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Min.	DCR (Ohm) Max.	Rated DC Current (mA) Max.
PK0406 - 1R0M - □□	1.0	100	7.96MHz	120	0.035	2000
PK0406 - 1R2M - □□	1.2	100	7.96MHz	120	0.058	1950
PK0406 - 1R5M - □□	1.5	100	7.96MHz	120	0.075	1900
PK0406 - 1R8M - □□	1.8	100	7.96MHz	120	0.110	1800
PK0406 - 2R2M - □□	2.2	100	7.96MHz	100	0.120	1750
PK0406 - 2R7M - □□	2.7	100	7.96MHz	80	0.125	1680
PK0406 - 3R3M - □□	3.3	100	7.96MHz	75	0.130	1500
PK0406 - 3R9K - □□	3.9	100	7.96MHz	70	0.135	1450
PK0406 - 4R7K - □□	4.7	100	7.96MHz	50	0.140	1320
PK0406 - 5R6K - □□	5.6	100	7.96MHz	45	0.145	1230
PK0406 - 6R8K - □□	6.8	100	7.96MHz	30	0.15	1150
PK0406 - 8R2K - □□	8.2	100	7.96MHz	22	0.16	1100
PK0406 - 100K - □□	10	80	2.52MHz	20	0.23	1000
PK0406 - 120K - □□	12	80	2.52MHz	17	0.24	970
PK0406 - 150K - □□	15	80	2.52MHz	16	0.25	920
PK0406 - 180K - □□	18	80	2.52MHz	12	0.33	860
PK0406 - 220K - □□	22	80	2.52MHz	10	0.45	800
PK0406 - 270K - □□	27	80	2.52MHz	9.5	0.50	710
PK0406 - 330K - □□	33	80	2.52MHz	8.7	0.70	660
PK0406 - 390K - □□	39	70	2.52MHz	8.2	0.74	600
PK0406 - 470K - □□	47	70	2.52MHz	7.8	0.76	550
PK0406 - 560K - □□	56	50	2.52MHz	7.6	0.80	500
PK0406 - 680K - □□	68	50	2.52MHz	6.8	0.90	470
PK0406 - 820K - □□	82	50	2.52MHz	6.0	0.95	430
PK0406 - 101K - □□	100	45	796kHz	6.0	1.0	400
PK0406 - 121K - □□	120	45	796kHz	5.5	1.1	370
PK0406 - 151K - □□	150	65	796kHz	4.2	1.3	350
PK0406 - 181K - □□	180	65	796kHz	3.6	1.5	320
PK0406 - 221K - □□	220	65	796kHz	2.8	1.8	300
PK0406 - 271K - □□	270	50	796kHz	2.4	1.9	275
PK0406 - 331K - □□	330	50	796kHz	2.2	2.2	250
PK0406 - 391K - □□	390	50	796kHz	2.0	2.7	220
PK0406 - 471K - □□	470	50	796kHz	1.7	3.6	200
PK0406 - 561K - □□	560	50	796kHz	1.5	4.2	190
PK0406 - 681K - □□	680	50	796kHz	1.3	4.6	170
PK0406 - 821K - □□	820	50	796kHz	1.1	5.7	155
PK0406 - 102K - □□	1000	90	252kHz	1.0	6.7	150
PK0406 - 122K - □□	1200	90	252kHz	0.9	8.2	140
PK0406 - 152K - □□	1500	80	252kHz	0.8	13	120
PK0406 - 182K - □□	1800	80	252kHz	0.8	15	110
PK0406 - 222K - □□	2200	80	252kHz	0.8	17	100
PK0406 - 272K - □□	2700	80	252kHz	0.8	19	90
PK0406 - 332K - □□	3300	70	252kHz	0.7	26	83
PK0406 - 392K - □□	3900	70	252kHz	0.65	30	76
PK0406 - 472K - □□	4700	65	252kHz		45	70
PK0406 - 562K - □□	5600	65	252kHz		48	62
PK0406 - 682K - □□	6800	65	252kHz		56	56
PK0406 - 822K - □□	8200	65	252kHz		62	52
PK0406 - 103K - □□	10000	45	79.6kHz		72	47
PK0406 - 153K - □□	15000	45	79.6kHz		120	35
PK0406 - 223K - □□	22000	45	79.6kHz		160	24
PK0406 - 253K - □□	25000	45	79.6kHz		180	20

Part No.	L @1kHz (uH)	Q Min.	Q Test Freq.	DCR (Ohm) Max.	Rated DC Current (mA) Max.
PK0608-3R3K -□□	3.3	20	7.96MHz	0.016	3500
PK0608-4R7K -□□	4.7	20	7.96MHz	0.020	3000
PK0608-6R8K -□□	6.8	20	7.96MHz	0.022	2500
PK0608-100K -□□	10	30	2.52MHz	0.039	2000
PK0608-150K -□□	15	30	2.52MHz	0.045	1700
PK0608-220K -□□	22	30	2.52MHz	0.062	1400
PK0608-330K -□□	33	30	2.52MHz	0.10	1100
PK0608-470K -□□	47	30	2.52MHz	0.15	950
PK0608-680K -□□	68	30	2.52MHz	0.22	800
PK0608-101K -□□	100	20	796kHz	0.35	650
PK0608-151K -□□	150	20	796kHz	0.43	540
PK0608-221K -□□	220	20	796kHz	0.90	440
PK0608-331K -□□	330	20	796kHz	1.50	360
PK0608-471K -□□	470	20	796kHz	1.80	300
PK0608-681K -□□	680	20	796kHz	2.50	250
PK0608-102K -□□	1000	100	252kHz	3.20	200
PK0608-122K -□□	1200	70	252kHz	3.5	180
PK0608-152K -□□	1500	70	252kHz	4.5	170
PK0608-182K -□□	1800	70	252kHz	5.0	155
PK0608-222K -□□	2200	70	252kHz	6.8	140
PK0608-272K -□□	2700	70	252kHz	7.2	125
PK0608-332K -□□	3300	70	252kHz	10.5	115
PK0608-392K -□□	3900	70	252kHz	11.7	105
PK0608-472K -□□	4700	70	252kHz	13.6	95
PK0608-562K -□□	5600	70	252kHz	16.6	85
PK0608-682K -□□	6800	70	252kHz	19.6	80
PK0608-822K -□□	8200	70	252kHz	25.2	70
PK0608-103K -□□	10000	70	79.6kHz	29.5	65
PK0608-123K -□□	12000	50	79.6kHz	33.8	60
PK0608-153K -□□	15000	50	79.6kHz	45.4	55
PK0608-183K -□□	18000	50	79.6kHz	50.4	50
PK0608-223K -□□	22000	50	79.6kHz	80.0	45
PK0608-303K -□□	30000	50	79.6kHz	91.5	40
PK0608-333K -□□	33000	50	79.6kHz	98.5	35
PK0608-393K -□□	39000	50	79.6kHz	140	32
PK0608-473K -□□	47000	50	79.6kHz	160	30
PK0608-503K -□□	50000	50	79.6kHz	170	29
PK0608-563K -□□	56000	50	79.6kHz	250	28
PK0608-683K -□□	68000	50	79.6kHz	282	25
PK0608-823K -□□	82000	50	79.6kHz	312	23
PK0608-104K -□□	100000	30	25.2kHz	380	20
PK0608-124K -□□	120000	30	25.2kHz	430	18
PK0608-154K -□□	150000	30	25.2kHz	520	16

Part No.	L @1kHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Min.	DCR (Ohm) Max.	Rated current (A) Max.	
						I sat	I rms
PK0707 -1R0M -□□	1.0	10	7.96MHz	70	0.006	6.6	5.0
PK0707 -1R5M -□□	1.5	10	7.96MHz	56	0.008	5.4	4.3
PK0707 -2R2M -□□	2.2	10	7.96MHz	45	0.011	4.0	3.7
PK0707 -3R3M -□□	3.3	10	7.96MHz	36	0.018	3.6	2.9
PK0707 -4R7M -□□	4.7	10	7.96MHz	29	0.022	3.1	2.6
PK0707 -6R8M -□□	6.8	10	7.96MHz	24	0.028	2.5	2.3
PK0707 -100K -□□	10	20	2.52MHz	19	0.043	2.1	1.9
PK0707 -150K -□□	15	20	2.52MHz	15	0.056	1.7	1.6
PK0707 -220K -□□	22	20	2.52MHz	12	0.086	1.4	1.3
PK0707 -330K -□□	33	20	2.52MHz	9.4	0.14	1.1	1.0
PK0707 -470K -□□	47	20	2.52MHz	7.6	0.17	0.96	0.94
PK0707-680K -□□	68	20	2.52MHz	6.2	0.28	0.79	0.73
PK0707 -101K -□□	100	20	796KHz	5.0	0.33	0.66	0.67
PK0707 -151K -□□	150	20	796KHz	4.0	0.56	0.53	0.52
PK0707 -221K -□□	220	20	796KHz	3.2	0.72	0.44	0.46
PK0707 -331K -□□	330	20	796KHz	2.5	1.10	0.36	0.37
PK0707 -471K -□□	470	20	796KHz	2.0	1.70	0.30	0.30
PK0707 -681K -□□	680	20	796KHz	1.7	2.30	0.25	0.26
PK0707 -102K -□□	1000	70	252KHz	1.3	4.30	0.20	0.19
PK0707 -152K -□□	1500	50	252KHz	1.3	5.00	0.17	0.16

PK0807 -2R2M -□□	2.2	10	7.96MHz	60	0.011	5.5	4.0
PK0807 -3R3M -□□	3.3	10	7.96MHz	38	0.013	3.8	3.4
PK0807 -4R7M -□□	4.7	10	7.96MHz	30	0.017	3.7	3.0
PK0807 -6R8M -□□	6.8	10	7.96MHz	24	0.023	2.8	2.6
PK0807 -100K -□□	10	20	2.52MHz	19	0.031	2.5	2.2
PK0807 -150K -□□	15	20	2.52MHz	15	0.042	2.0	1.9
PK0807 -220K -□□	22	20	2.52MHz	12	0.070	1.6	1.5
PK0807 -330K -□□	33	20	2.52MHz	10	0.092	1.3	1.2
PK0807 -470K -□□	47	20	2.52MHz	8.2	0.130	1.1	1.0
PK0807 -680K -□□	68	20	2.52MHz	6.6	0.160	0.91	0.97
PK0807 -101K -□□	100	15	796KHz	5.4	0.230	0.75	0.81
PK0807 -151K -□□	150	15	796KHz	4.3	0.400	0.61	0.61
PK0807 -221K -□□	220	15	796KHz	3.5	0.530	0.50	0.53
PK0807 -331K -□□	330	15	796KHz	2.8	0.780	0.41	0.44
PK0807 -471K -□□	470	10	796KHz	2.3	1.0	0.34	0.39
PK0807 -681K -□□	680	10	796KHz	1.9	1.5	0.28	0.32
PK0807 -102K -□□	1000	20	252KHz	1.5	2.2	0.23	0.26
PK0807 -152K -□□	1500	30	252KHz	1.2	3.5	0.18	0.21

RADIAL LEADED FIXED INDUCTORS
PK0810 TYPE



Part No.	L @1kHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Typ.	DCR (Ohm) Max.	Rated DC Current (mA) Max.
PK0810 -3R3M -□□	3.3	30	7.96MHz	65	0.012	5000
PK0810 -3R9K -□□	3.9	30	7.96MHz	55	0.014	4600
PK0810 -4R7K -□□	4.7	30	7.96MHz	45	0.016	4300
PK0810 -5R6K -□□	5.6	30	7.96MHz	38	0.020	3900
PK0810 -6R8K -□□	6.8	30	7.96MHz	27	0.022	3700
PK0810 -8R2K -□□	8.2	30	7.96MHz	21	0.024	3500
PK0810 -100K -□□	10	50	2.52MHz	17	0.025	3200
PK0810 -120K -□□	12	50	2.52MHz	15	0.027	3000
PK0810 -150K -□□	15	50	2.52MHz	13	0.033	2800
PK0810 -180K -□□	18	50	2.52MHz	12	0.039	2600
PK0810 -220K -□□	22	50	2.52MHz	11	0.047	2400
PK0810 -270K -□□	27	50	2.52MHz	10	0.052	2100
PK0810 -330K -□□	33	50	2.52MHz	8.5	0.075	1900
PK0810 -390K -□□	39	40	2.52MHz	7.7	0.082	1700
PK0810 -470K -□□	47	40	2.52MHz	6.7	0.10	1500
PK0810 -560K -□□	56	40	2.52MHz	6.4	0.15	1300
PK0810 -680K -□□	68	30	2.52MHz	5.8	0.18	1200
PK0810 -820K -□□	82	30	2.52MHz	5.2	0.20	1100
PK0810 -101K -□□	100	30	796kHz	4.4	0.20	900
PK0810 -121K -□□	120	30	796kHz	4.2	0.22	800
PK0810 -151K -□□	150	30	796kHz	3.7	0.24	720
PK0810 -181K -□□	180	30	796kHz	3.5	0.28	650
PK0810 -221K -□□	220	20	796kHz	3.3	0.35	600
PK0810 -271K -□□	270	20	796kHz	2.9	0.40	550
PK0810 -331K -□□	330	20	796kHz	2.6	0.47	500
PK0810 -391K -□□	390	20	796kHz	2.4	0.68	460
PK0810 -471K -□□	470	20	796kHz	2.2	0.80	420
PK0810 -561K -□□	560	20	796kHz	2.0	1.0	380
PK0810 -681K -□□	680	20	796kHz	1.8	1.2	350
PK0810 -821K -□□	820	20	796kHz	1.7	1.5	310
PK0810 -102K -□□	1,000	40	252kHz	1.5	1.8	280
PK0810 -122K -□□	1,200	40	252kHz	1.4	2.0	250
PK0810 -152K -□□	1,500	40	252kHz	1.3	2.4	230
PK0810 -182K -□□	1,800	40	252kHz	1.1	2.8	210
PK0810 -222K -□□	2,200	40	252kHz	1	3.3	190
PK0810 -272K -□□	2,700	40	252kHz	0.88	5.0	170
PK0810 -332K -□□	3,300	40	252kHz	0.78	5.6	150
PK0810 -392K -□□	3,900	40	252kHz	0.72	6.2	140
PK0810 -472K -□□	4,700	40	252kHz	0.65	7.0	130
PK0810 -562K -□□	5,600	40	252kHz	0.58	9.1	120
PK0810 -682K -□□	6,800	40	252kHz	0.55	10	110
PK0810 -822K -□□	8,200	20	252kHz	0.5	15	100
PK0810 -103K -□□	10,000	20	79.6kHz	0.42	24	90
PK0810 -473K -□□	47,000	60	79.6kHz	0.2	80	40
PK0810 -104K -□□	100,000	20	79.6kHz	0.14	180	28

RADIAL LEADED FIXED INDUCTORS
PK1010/1012 TYPE



Part No.	L @1kHz (uH)	Q Min.	Q Test Freq.	SRF (MHz) Min.	DCR (Ohm) Max.	Rated current (A) Max.	
						I sat	I rms
PK1010 - 3R3M -□□	3.3	10	7.96MHz	36	0.010	8.8	5.9
PK1010 - 4R7M -□□	4.7	10	7.96MHz	28	0.015	7.2	4.8
PK1010 - 6R8M -□□	6.8	10	7.96MHz	18	0.016	6.1	4.6
PK1010 -100M -□□	10	20	2.52MHz	16	0.025	5.0	3.7
PK1010 - 150M -□□	15	20	2.52MHz	12	0.029	4.2	3.4
PK1010 - 220K -□□	22	20	2.52MHz	9.5	0.040	3.4	2.9
PK1010 - 330K -□□	33	30	2.52MHz	7.0	0.062	2.8	2.3
PK1010 - 470K -□□	47	30	2.52MHz	5.8	0.075	2.3	2.1
PK1010 - 680K -□□	68	20	2.52MHz	4.7	0.13	1.9	1.6
PK1010 - 101K -□□	100	20	796KHz	3.8	0.16	1.6	1.4
PK1010 - 151K -□□	150	20	796KHz	3.1	0.26	1.3	1.1
PK1010 - 221K -□□	220	20	796KHz	2.5	0.33	1.1	1.0
PK1010 - 331K -□□	330	20	796KHz	2.0	0.52	0.88	0.82
PK1010 - 471K -□□	470	10	796KHz	1.6	0.66	0.75	0.72
PK1010 - 681K -□□	680	10	796KHz	1.3	1.1	0.61	0.56
PK1010 - 102K -□□	1000	20	252KHz	1.1	1.4	0.51	0.50
PK1010 - 152K -□□	1500	30	252KHz	0.82	2.4	0.43	0.38
PK1010 - 222K -□□	2200	20	252KHz	0.76	3.2	0.35	0.33
PK1010 - 332K -□□	3300	30	252KHz	0.64	4.9	0.28	0.26
PK1010 - 472K -□□	4700	30	252KHz	0.54	7.6	0.24	0.21
PK1010 - 682K -□□	6800	30	252KHz	0.45	9.8	0.20	0.18
PK1010 - 103K -□□	10000	30	79.6KHz	0.38	18	0.17	0.14
PK1010 -153K -□□	15000	50	79.6KHz	0.29	24	0.13	0.12
PK1012 - 103K -□□	10000	100	79.6kHz	0.35	12	0.18	0.17
PK1012 - 123K -□□	12000	100	79.6kHz	0.31	13	0.16	0.16
PK1012 - 153K -□□	15000	100	79.6kHz	0.28	18	0.14	0.14
PK1012 - 183K -□□	18000	80	79.6kHz	0.26	25	0.13	0.12
PK1012 - 223K -□□	22000	80	79.6kHz	0.22	30	0.12	0.11
PK1012 - 273K -□□	27000	80	79.6kHz	0.20	35	0.11	0.10
PK1012 - 333K -□□	33000	60	79.6kHz	0.19	40	0.10	0.090
PK1012 - 393K -□□	39000	60	79.6kHz	0.17	50	0.090	0.080
PK1012 - 473K -□□	47000	60	79.6kHz	0.15	50	0.080	0.075
PK1012 - 563K -□□	56000	40	79.6kHz	0.13	65	0.075	0.070
PK1012 - 683K -□□	68000	40	79.6kHz	0.12	70	0.070	0.065
PK1012 - 823K -□□	82000	30	79.6kHz	0.10	100	0.060	0.055
PK1012 - 104K -□□	100000	30	79.6kHz	0.10	135	0.055	0.045

RADIAL LEADED FIXED INDUCTORS

PK1018/1213 TYPE



Part No.	L @1kHz (uH)	DCR (Ohm) Max.	Rated current (A) Max.	
			I sat	I rms
PK1018 -4R7K-□□	4.7	0.008	10.0	6.0
PK1018 -6R8K-□□	6.8	0.011	8.0	5.5
PK1018 -100K-□□	10	0.017	7.0	4.5
PK1018 -150K-□□	15	0.022	5.5	4.0
PK1018 -220K-□□	22	0.026	4.5	3.7
PK1018 -330K-□□	33	0.032	3.8	3.3
PK1018 -470K-□□	47	0.035	3.2	3.0
PK1018 -680K-□□	68	0.047	2.6	2.6
PK1018 -101K-□□	100	0.090	2.2	2.0
PK1018 -151K-□□	150	0.129	1.8	1.6
PK1018 -221K-□□	220	0.162	1.5	1.5
PK1018 -331K-□□	330	0.212	1.2	1.2
PK1018 -471K-□□	470	0.380	1.00	1.0
PK1018 -681K-□□	680	0.548	0.84	0.84
PK1018 -102K-□□	1000	0.844	0.66	0.66
PK1018 -152K-□□	1500	1.18	0.55	0.55
PK1018 -222K-□□	2200	2.00	0.46	0.44
PK1018 -332K-□□	3300	2.53	0.38	0.38
PK1018 -472K-□□	4700	3.19	0.32	0.32
PK1018 -682K-□□	6800	5.69	0.26	0.25
PK1018 -103K-□□	10000	7.30	0.22	0.22
PK1018 -153K-□□	15000	10.5	0.18	0.18
PK1018 -223K-□□	22000	21.8	0.14	0.13
PK1018 -333K-□□	33000	25.7	0.12	0.12
PK1018 -473K-□□	47000	36.1	0.10	0.10
PK1018 -683K-□□	68000	57.3	0.08	0.08
PK1018 -104K-□□	100000	89.7	0.06	0.06
PK1213 -100M-□□	10	0.023	8.0	5.1
PK1213 -150K-□□	15	0.028	6.5	4.5
PK1213 -220K-□□	22	0.035	5.5	4.2
PK1213 -330K-□□	33	0.043	4.5	3.7
PK1213 -470K-□□	47	0.052	3.6	3.4
PK1213 -680K-□□	68	0.068	3.1	3.0
PK1213 -101K-□□	100	0.097	2.6	2.5
PK1213 -151K-□□	150	0.14	2.1	2.1
PK1213 -221K-□□	220	0.20	1.7	1.7
PK1213 -331K-□□	330	0.30	1.4	1.4
PK1213 -471K-□□	470	0.43	1.10	1.1
PK1213 -681K-□□	680	0.61	0.95	0.99
PK1213 -102K-□□	1000	1.00	0.78	0.78
PK1213 -152K-□□	1500	1.30	0.64	0.68
PK1213 -222K-□□	2200	2.00	0.53	0.55
PK1213 -332K-□□	3300	3.10	0.43	0.44
PK1213 -472K-□□	4700	4.40	0.36	0.37
PK1213 -682K-□□	6800	6.50	0.30	0.30
PK1213 -103K-□□	10000	10.0	0.24	0.24