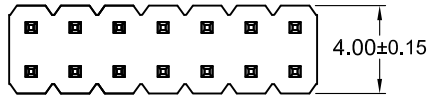


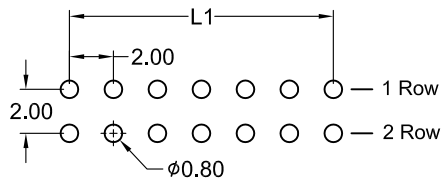
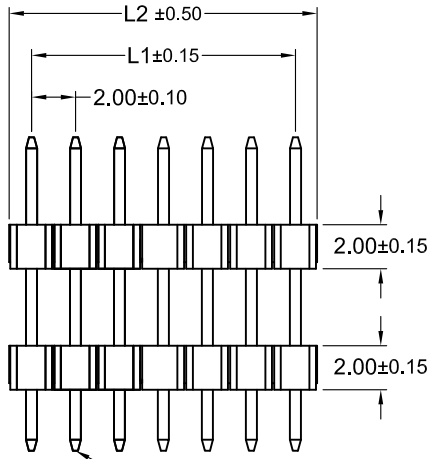
No. of Pin		Dimension(mm)	
Single Row	Dual Row	L1	L2
002	004	2.00	4.00
003	006	4.00	6.00
004	008	6.00	8.00
005	010	8.00	10.00
006	012	10.00	12.00
007	014	12.00	14.00
008	016	14.00	16.00
009	018	16.00	18.00
010	020	18.00	20.00
011	022	20.00	22.00
012	024	22.00	24.00
013	026	24.00	26.00
014	028	26.00	28.00
015	030	28.00	30.00
016	032	30.00	32.00
017	034	32.00	34.00
018	036	34.00	36.00
019	038	36.00	38.00
020	040	38.00	40.00
021	042	40.00	42.00
022	044	42.00	44.00
023	046	44.00	46.00
024	048	46.00	48.00
025	050	48.00	50.00
026	052	50.00	52.00
027	054	52.00	54.00
028	056	54.00	56.00
029	058	56.00	58.00
030	060	58.00	60.00
031	062	60.00	62.00
032	064	62.00	64.00
033	066	64.00	66.00
034	068	66.00	68.00
035	070	68.00	70.00
036	072	70.00	72.00
037	074	72.00	74.00
038	076	74.00	76.00
039	078	76.00	78.00
040	080	78.00	80.00



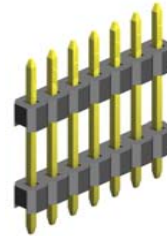
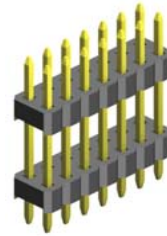
Dual Row



Single Row



Recommended PCB Hole Layout  
(PCB TOLERANCE ±0.05)



## Order Code

# SPx-xxx-X xxx/xx-xx/2

### Rows

Single Row = 1  
Dual Row = 2

### No. of Pin

Single Row = 002 to 040  
Dual Row = 004 to 080

### Execution

P.B.T Insulator (standard) = **S**  
Nylon Insulator = **N**

### Pin Type

See Table  
on sheet 2/2

### Plating

55 = Gold flash (Standard)  
66 = 10μ" Gold  
77 = 15μ" Gold  
88 = 30μ" Gold  
99 = Tin

Duplex plating  
95 = Tin/Gold flash  
96 = Tin/10μ" Gold  
97 = Tin/15μ" Gold  
98 = Tin/30μ" Gold














## SPECIFICATIONS

Current Rating : 1A  
 Insulator resistance : 1000 MΩ min.  
 Contact Resistance : 20 mΩ max.  
 Dielectric Withstanding : AC 500V/Minute  
 Operating Temperature : -40° ~ +105°C  
 Insulator Material: PBT or High Temp Thermoplastic  
 Color : Black, UL 94V-0  
 Contact Material: Brass  
 Plating: Gold, Tin or Duplex  
 \*Duplex = Gold plated on contact area, Tin on solder area



UNIT mm	GENERAL TOLERANCE		DRAWN Lyndon Lin	DATE Jan 13 2009	DWG. NO. SPx-Xxxx/xx/2	SHEET 1/2	Title 2.00mm Pitch Board Spacer -THT- Straight Single & Dual Row
	X.° ± 3°	.X° ±					
	SCALE Free	X. ±	.X0 ± 0.38	APPROVE Selena Hong	DATE Jan 29 2010		
		XX. ±	.XX ± 0.25				
	XXX. ±	.XXX ±					

1	2	3	4	5	6	7	8				
REV.	DESCRIPTION	DRAWN	DATE	REV.	DESCRIPTION	DRAWN	DATE	REV.	DESCRIPTION	DRAWN	DATE
A	Release	Lyndon Lin	2007/11/01	D	Add Pin Code "120/02"	Ryan Chou	2009/06/05	G	Add Pin Code "191/02"	Ryan Chou	2009/10/15
B	Add Pin Code "428/01"	Lyndon Lin	2009/02/02	E	Add Pin Code "160/05"	Ryan Chou	2009/07/08	H	Add Pin Code "280/02"	Lyndon Lin	2009/10/29
C	Add Pin Code "150/04"	Ryan Chou	2009/04/07	F	Add Pin Code "220/02"	Ryan Chou	2009/09/14	I	Add Pin Code "168/02,295/02"	Ryan Chou	2009/12/09

Terminal Code & Dimensions				Terminal Code & Dimensions			
Code	Dim "A"	Dim "B"	Dim "C"	Code	Dim "A"	Dim "B"	Dim "C"
102/03	4.00	1.50	4.70	210/01	6.00	3.00	12.00
104/01	2.70	2.70	5.00	210/02	7.00	3.00	11.00
108/14	4.00	2.10	4.70	220/01	4.00	2.80	15.25
117/01	2.80	2.80	6.10	220/02	7.00	3.50	11.50
 120/02	3.50	2.50	6.00	 220/03	7.00	7.00	8.00
136/02	5.30	3.20	5.10	225/01	2.50	2.50	17.50
143/01	4.00	2.80	7.50	245/02	3.00	2.30	19.20
143/02	6.80	2.80	4.70	252/02	5.20	4.20	15.80
143/03	2.40	3.90	8.00	260/04	9.00	4.00	13.00
145/01	6.20	2.80	5.50	270/02	4.00	3.00	20.00
150/01	4.00	2.50	8.50	280/01	3.00	3.00	22.00
 150/04	6.00	4.00	5.00	 280/02	16.50	2.50	9.00
152/01	6.00	3.00	6.20	 286/01	6.00	1.60	21.00
 160/05	4.00	4.00	8.00	 290/10	6.20	1.80	21.00
163/01	4.00	2.80	9.50	293/02	7.30	3.00	19.00
 168/02	6.00	2.50	8.30	295/01	5.40	3.10	21.00
170/01	3.00	3.00	11.00	 295/02	6.00	2.50	21.00
180/02	3.00	3.00	12.00	300/03	10.00	3.00	17.00
180/03	5.00	3.00	10.00	310/01	6.00	3.00	22.00
180/04	2.50	2.50	13.00	332/01	5.00	2.80	25.40
191/01	9.30	4.30	5.50	410/01	9.00	4.00	28.00
 191/02	4.11	2.54	12.45	425/01	4.00	4.00	34.50
198/08	5.90	5.90	8.00	 428/01	7.00	2.80	33.00
200/02	10.00	3.00	7.00	432/01	3.20	3.20	36.80
				522/01	4.00	4.00	44.20
other terminal lengths on request							



UNIT	mm	GENERAL TOLERANCE		DRAWN	Lyndon Lin	DATE	Jan 13 2009
SCALE	Free	X.° ± 3°	.X° ±	CHECK	Lyndon Lin	DATE	Jan 27 2010
		X. ±	.X0 ± 0.38	APPROVE	Selena Hong	DATE	Jan 27 2010
		XX. ±	.XX ± 0.25				
		XXX. ±	.XXX ±				

DWG. NO.	SPx-Xxxx/xx/2	SHEET 2/2
PART NO.	SPx-xxx-Xxxx/xx-xx/2	REV. L

**Pin Code Sheet**  
 for 2.00mm Pitch **Board Spacer**  
 -THT- Straight  
 Single & Dual Row