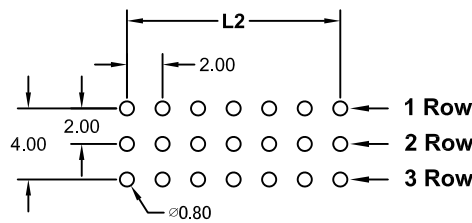
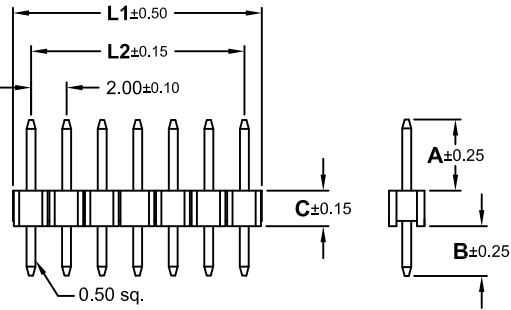
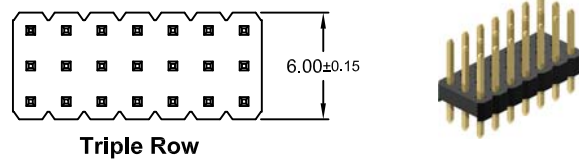
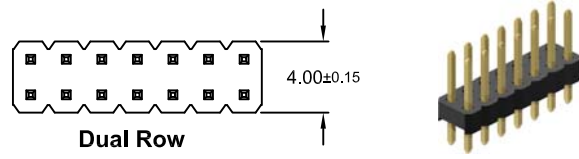
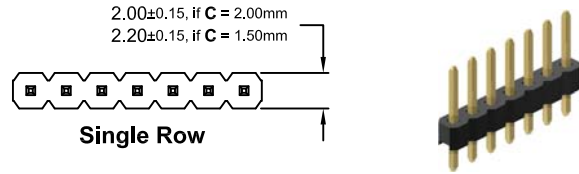


| No. of Pin |          |            | Dimension (mm) |       |
|------------|----------|------------|----------------|-------|
| Single Row | Dual Row | Triple Row | L1             | L2    |
| 002        | 004      | 006        | 4,00           | 2,00  |
| 003        | 006      | 009        | 6,00           | 4,00  |
| 004        | 008      | 012        | 8,00           | 6,00  |
| 005        | 010      | 015        | 10,00          | 8,00  |
| 006        | 012      | 018        | 12,00          | 10,00 |
| 007        | 014      | 021        | 14,00          | 12,00 |
| 008        | 016      | 024        | 16,00          | 14,00 |
| 009        | 018      | 027        | 18,00          | 16,00 |
| 010        | 020      | 030        | 20,00          | 18,00 |
| 011        | 022      | 033        | 22,00          | 20,00 |
| 012        | 024      | 036        | 24,00          | 22,00 |
| 013        | 026      | 039        | 26,00          | 24,00 |
| 014        | 028      | 042        | 28,00          | 26,00 |
| 015        | 030      | 045        | 30,00          | 28,00 |
| 016        | 032      | 048        | 32,00          | 30,00 |
| 017        | 034      | 051        | 34,00          | 32,00 |
| 018        | 036      | 054        | 36,00          | 34,00 |
| 019        | 038      | 057        | 38,00          | 36,00 |
| 020        | 040      | 060        | 40,00          | 38,00 |
| 021        | 042      | 063        | 42,00          | 40,00 |
| 022        | 044      | 066        | 44,00          | 42,00 |
| 023        | 046      | 069        | 46,00          | 44,00 |
| 024        | 048      | 072        | 48,00          | 46,00 |
| 025        | 050      | 075        | 50,00          | 48,00 |
| 026        | 052      | 078        | 52,00          | 50,00 |
| 027        | 054      | 081        | 54,00          | 52,00 |
| 028        | 056      | 084        | 56,00          | 54,00 |
| 029        | 058      | 087        | 58,00          | 56,00 |
| 030        | 060      | 090        | 60,00          | 58,00 |
| 031        | 062      | 093        | 62,00          | 60,00 |
| 032        | 064      | 096        | 64,00          | 62,00 |
| 033        | 066      | 099        | 66,00          | 64,00 |
| 034        | 068      | 102        | 68,00          | 66,00 |
| 035        | 070      | 105        | 70,00          | 68,00 |
| 036        | 072      | 108        | 72,00          | 70,00 |
| 037        | 074      | 111        | 74,00          | 72,00 |
| 038        | 076      | 114        | 76,00          | 74,00 |
| 039        | 078      | 117        | 78,00          | 76,00 |
| 040        | 080      | 120        | 80,00          | 78,00 |



Recommended PCB Hole Layout  
(PCB TOLERANCE ±0.05)

| REV. | DESCRIPTION                      | DATE       | DRAWN  |
|------|----------------------------------|------------|--------|
| A    | New                              | 09.01.2009 | Lyndon |
| C7   | Add Pin Code "098/44"            | 27.03.2019 | Ryan   |
| C8   | Add Pin Code "096/40"            | 20.05.2019 | Cherry |
| C9   | Add Pin Code "096/41" & "096/42" | 17.06.2019 | Cherry |

### Order Code

## SLx-xxx-X xxx/xx -xx/2

Rows  
 Single Row = 1  
 Dual Row = 2  
 Triple Row = 3

No. of Pins  
 Single Row = 002 to 040  
 Dual Row = 004 to 080  
 Triple Row = 006 to 120

**Pin code**  
 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

Execution  
**S** = PBT Insulator (H:2.00mm)  
**N** = PA Insulator (H:2.00mm)  
**B** = PA Insulator (H:1.50mm)



### Specifications

**Electrical**  
 Current rating: 2A  
 Insulation resistance: 1000MΩ min.  
 Contact resistance: 20mΩ max.  
 Withstanding voltage: 500V AC / Minute

### Materials

Contact: Brass  
 Plating: Gold, Tin or Duplex  
 \*Duplex = Sn on solder, Au on contact area  
 Insulator: PBT or PA (black) UL 94V-0  
 Operating temperature: -40°C to +105°C

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| UNIT  | mm   | GENERAL TOLERANCE |            | DRAWN   | DATE       | DWG. NO.             | SHEET 1/2 |
|-------|------|-------------------|------------|---------|------------|----------------------|-----------|
|       |      | X.° ±             | X. ±       | Lyndon  | 09.01.2009 | SLx-X/2              |           |
| SCALE | Free | .X° ±             | .X ±       | CHECK   | DATE       |                      | REV. C9   |
|       |      | .XX° ±            | .XX ± 0.25 | APPROVE | DATE       | SERIES NO.           |           |
|       |      | .XXX° ±           | .XXX ±     | Hogi    | 17.06.2019 | SLx-xxx-Xxxx/xx-xx/2 |           |

**Pin Header**  
**2.00mm Pitch** -THT- Straight  
 Single, Dual & Triple Row

|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| A |   |   |   |   |   |   |   |   |
| B |   |   |   |   |   |   |   |   |
| C |   |   |   |   |   |   |   |   |
| D |   |   |   |   |   |   |   |   |
| E |   |   |   |   |   |   |   |   |
| F |   |   |   |   |   |   |   |   |
| G |   |   |   |   |   |   |   |   |
| H |   |   |   |   |   |   |   |   |

| Pin Code | Dim"A" (mm) | Dim"B" (mm) | Dim"C" (mm) | Pin Code | Dim"A" (mm) | Dim"B" (mm) | Dim"C" (mm) | Pin Code | Dim"A" (mm) | Dim"B" (mm) | Dim"C" (mm) | Pin Code | Dim"A" (mm) | Dim"B" (mm) | Dim"C" (mm) |
|----------|-------------|-------------|-------------|----------|-------------|-------------|-------------|----------|-------------|-------------|-------------|----------|-------------|-------------|-------------|
| 085/07   | 4.00        | 2.50        | 2.00        | 088/35   | 15.50       | 2.80        | 2.00        | 096/00   | 4.00        | 2.80        | 1.50        | 096/35   | 16.00       | 3.00        | 1.50        |
| 088/01   |             | 2.80        |             | 088/36   | 3.00        | 3.00        |             | 096/01   | 6.00        | 2.10        |             | 096/36   | 4.40        | 2.80        |             |
| 088/02   | 6.00        | 3.00        |             | 088/37   | 6.50        | 2.80        |             | 096/02   | 4.50        | 4.00        |             | 096/37   | 3.30        | 3.00        |             |
| 088/03   | 6.80        |             |             | 088/38   | 5.30        | 4.00        |             | 096/03   | 1.70        | 8.80        |             | 096/38   | 4.00        | 5.50        |             |
| 088/04   | 4.00        | 4.00        |             | 088/39   | 5.10        | 2.50        |             | 096/04   | 4.00        | 2.30        |             | 096/39   | 8.00        | 2.00        |             |
| 088/05   | 3.70        | 5.00        |             | 088/40   | 4.00        | 5.50        |             | 096/05   | 3.20        | 3.50        |             | 096/40   | 3.50        | 3.40        |             |
| 088/06   | 2.50        |             |             | 088/41   | 10.10       | 2.30        |             | 096/06   | 4.00        | 4.00        |             | 096/41   | 15.50       | 2.10        |             |
| 088/07   | 5.60        | 7.80        |             | 088/42   | 8.90        | 3.20        |             | 096/07   | 7.00        | 2.20        |             | 096/42   | 7.60        | 3.00        |             |
| 088/08   | 3.70        | 11.70       |             | 088/43   | 7.50        | 3.00        |             | 096/08   | 3.60        | 3.00        |             |          |             |             |             |
| 088/09   | 9.00        | 4.00        |             | 088/44   | 3.50        | 3.50        |             | 096/09   | 21.00       | 2.54        |             |          |             |             |             |
| 088/10   | 4.60        | 5.00        |             |          |             |             |             | 096/10   | 5.10        | 3.00        |             |          |             |             |             |
| 088/11   | 9.20        | 2.50        |             |          |             |             |             | 096/11   | 4.00        | 6.60        |             |          |             |             |             |
| 088/12   | 12.00       | 3.00        |             |          |             |             |             | 096/12   | 5.00        | 2.80        |             |          |             |             |             |
| 088/13   | 5.35        | 2.85        |             |          |             |             |             | 096/13   | 10.00       | 2.60        |             |          |             |             |             |
| 088/14   | 3.00        | 1.50        |             |          |             | 096/14      | 1.90        | 2.30     |             |             |             |          |             |             |             |
| 088/15   | 5.40        | 3.40        |             |          |             | 096/15      | 3.50        |          |             |             |             |          |             |             |             |
| 088/16   |             | 2.00        |             |          |             | 096/16      | 14.40       | 3.20     |             |             |             |          |             |             |             |
| 088/17   | 17.30       | 2.10        | 2.00        |          |             | 096/17      | 2.00        | 2.50     | 1.50        |             |             |          |             |             |             |
| 088/18   | 5.90        | 2.00        |             |          |             | 096/18      | 4.40        | 2.40     |             |             |             |          |             |             |             |
| 088/19   | 9.50        | 2.80        |             |          |             | 096/19      | 8.30        | 2.30     |             |             |             |          |             |             |             |
| 088/20   | 6.40        | 2.00        |             |          |             | 096/20      | 9.00        | 3.50     |             |             |             |          |             |             |             |
| 088/21   | 2.30        | 2.80        |             |          |             | 096/21      | 8.50        | 3.60     |             |             |             |          |             |             |             |
| 088/22   | 11.00       | 6.00        |             |          |             | 096/22      | 9.80        | 3.00     |             |             |             |          |             |             |             |
| 088/23   | 6.00        | 8.00        |             |          |             | 096/23      | 4.10        | 4.10     |             |             |             |          |             |             |             |
| 088/24   | 28.00       | 3.00        |             |          |             | 096/24      | 3.00        | 7.10     |             |             |             |          |             |             |             |
| 088/25   | 8.50        | 2.70        |             |          |             | 096/25      | 5.50        | 2.60     |             |             |             |          |             |             |             |
| 088/26   | 7.00        | 7.10        |             |          |             | 096/26      | 5.10        | 1.60     |             |             |             |          |             |             |             |
| 088/27   | 8.00        | 1.00        |             |          |             | 096/27      | 9.00        | 3.10     |             |             |             |          |             |             |             |
| 088/28   |             | 2.00        |             |          |             | 096/28      | 1.70        | 2.30     |             |             |             |          |             |             |             |
| 088/29   | 7.00        | 3.00        |             |          |             | 096/29      | 5.40        | 1.30     |             |             |             |          |             |             |             |
| 088/30   | 5.00        |             |             |          |             | 096/30      | 8.50        | 1.00     |             |             |             |          |             |             |             |
| 088/31   | 9.00        |             |             |          |             | 096/31      | 6.70        | 3.90     |             |             |             |          |             |             |             |
| 088/32   | 6.80        | 2.00        |             |          |             | 096/32      | 4.30        | 2.20     |             |             |             |          |             |             |             |
| 088/33   | 3.20        | 2.50        |             |          |             | 096/33      | 7.00        | 3.00     |             |             |             |          |             |             |             |
| 088/34   | 6.60        | 2.00        |             |          |             | 096/34      | 19.00       | 3.50     |             |             |             |          |             |             |             |

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|       |      |                   |        |
|-------|------|-------------------|--------|
| UNIT  | mm   | GENERAL TOLERANCE |        |
| SCALE | Free | X° ±              | X. ±   |
|       |      | .XX° ±            | .XX ±  |
|       |      | .XXX° ±           | .XXX ± |

|         |        |      |            |
|---------|--------|------|------------|
| DRAWN   | Lyndon | DATE | 09.03.2010 |
| CHECK   | Ronny  | DATE | 17.06.2019 |
| APPROVE | Hogi   | DATE | 17.06.2019 |

|            |                      |           |
|------------|----------------------|-----------|
| DWG. NO.   | SLx-X/2              | SHEET 2/2 |
| SERIES NO. | SLx-xxx-Xxxx/xx-xx/2 | REV. C9   |

**Pin Code for**  
**Pin Header 2.00mm Pitch**  
 -THT- Straight  
 Single, Dual & Triple Row