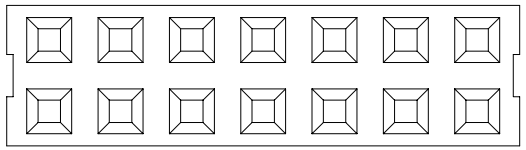
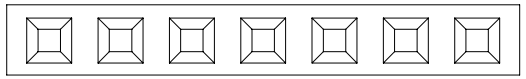
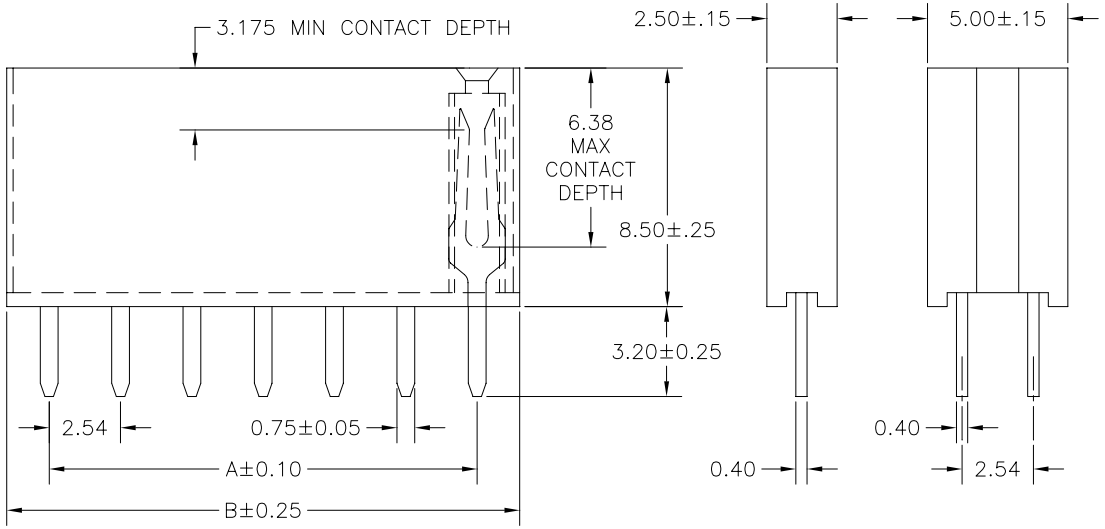
| No. of Positions | DIMENSIONS A | B |
|---|---|---|
| 2 | 2.54 | 5.58 |
| 3 | 5.08 | 8.12 |
| 4 | 7.62 | 10.66 |
| 5 | 10.16 | 13.20 |
| 6 | 12.70 | 15.74 |
| 7 | 15.24 | 18.28 |
| 8 | 17.78 | 20.82 |
| 9 | 20.32 | 23.36 |
| 10 | 22.86 | 25.90 |
| 11 | 25.40 | 28.44 |
| 12 | 27.94 | 30.98 |
| 13 | 30.48 | 33.52 |
| 14 | 33.02 | 36.06 |
| 15 | 35.56 | 38.60 |
| 16 | 38.10 | 41.14 |
| 17 | 40.64 | 43.68 |
| 18 | 43.18 | 46.22 |
| 19 | 45.72 | 48.76 |
| 20 | 48.26 | 51.30 |
| 21 | 50.80 | 53.84 |
| 22 | 53.34 | 56.38 |
| 23 | 55.88 | 58.92 |
| 24 | 58.42 | 61.46 |
| 25 | 60.96 | 64.00 |
| 26 | 63.50 | 66.54 |
| 27 | 66.04 | 69.08 |
| 28 | 68.58 | 71.62 |
| 29 | 71.12 | 74.16 |
| 30 | 73.66 | 76.70 |
| 31 | 76.20 | 79.24 |
| 32 | 78.74 | 81.78 |
| 33 | 81.28 | 84.32 |
| 34 | 83.82 | 86.86 |
| 35 | 86.36 | 89.40 |
| 36 | 88.90 | 91.94 |
| 37 | 91.44 | 94.48 |
| 38 | 93.98 | 97.02 |
| 39 | 96.52 | 99.56 |
| 40 | 99.06 | 102.10 |



2 ROWS



1 ROW



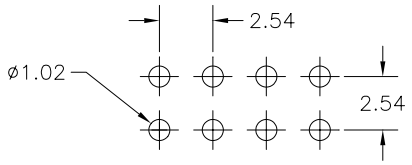

1 ROW




2 ROWS




RECOMMENDED PCB FOR DOUBLE ROWS




| REV. | ECO | DESCRIPTION | DATE | BY |
|---|---|---|---|---|
| A | 648 | INITIAL RELEASE | 6/15/2005 | TT |
| B | 736 | DIM B LETTER, PINS WIDTH | 6/19/2005 | TT |
| C | 1126 | UPDATE SPECIFICATIONS | 6/12/2006 | TT |
| D | 1533 | ADDED MIN/MAX CONTACT DEPTH DIM | 10/18/2007 | VJ |

## PART NUMBER CODING

xPxCxxxLFBN-RC

- NUMBER OF ROWS
  1 – 1 ROW
  2 – 2 ROWS
- NUMBER OF POSTIONS
  (2 – 40)
- PLATING
  P – GOLD FLASH OVERALL
  T – TIN OVERALL
- P = Polyester, UL 94V-0
  *Processing Temp. = 210°C for 5 Secs.
  N = Nylon 6-T
  Processing Temp. = 260°C for 10 Secs.

*Indicated Temperature and time is for component Insulator. Higher processing temperaures may be used, provided heat is applied from back side of PCB, and Insulator does not exceed indicated temperature and time.

## SPECIFICATIONS

| | |
|---|---|
| Current Rating: | 3 Amps |
| Insulator resistance: | 5000 Megohms min. |
| Contact resistance: | 20 m ohms max. |
| Dielectric withstanding: | AC 500 V |
| Operating Temperature: | –40°C to +105°C |
| Contact Material: | Phosphor bronze |

Plating: See part number coding

Note:

Selective plating: Gold plated on contact area, Tin on solder area

ROHS COMPLIANT

Sullins Electronics
San Marcos, CA
www.SullinsElectronics.com

| GENERAL TOLERANCE | |
|---|---|
| XX. ± | XXX. ± |
| X. ± 0.20 | .XXX ± |
| .X ± 0.10 | X.° ± |
| .XX ± 0.05 | .X° ± |

| | | | |
|---|---|---|---|
| SCALE NTS | DRAWN TT | DATE 6/15/2005 | DWG. NO. 10492 |
| UNIT MM | CHECK | DATE | PARTS NO. xPxCxxxLFBN-RC |
| SIZE | APPROVE | DATE | |

TITLE: 2.54mm FEMALE HEADER
8.50mm INSULATOR

REV. D

SHEET 1/1