

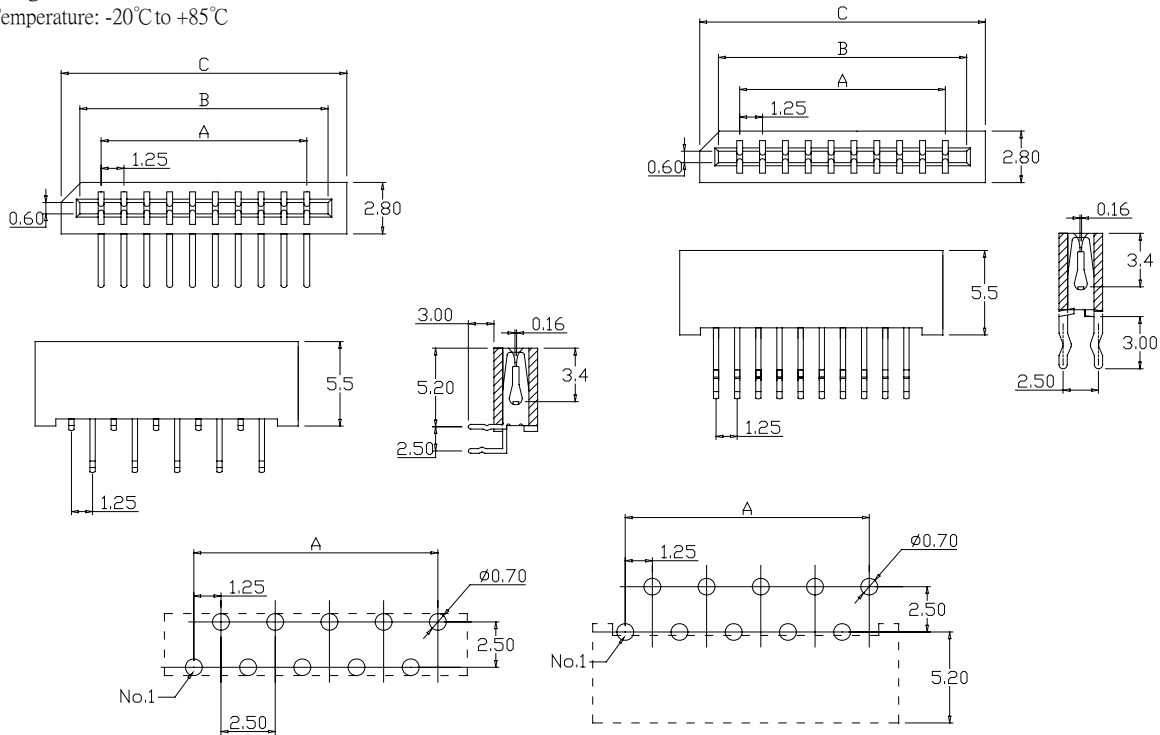
|      |     |       |     |                               |          |      |
|------|-----|-------|-----|-------------------------------|----------|------|
| PAGE | 180 | BY    | CHK | REVISION RECORD MODIFICATIONS | DATE     | REV. |
|      |     | ALLEN |     | RELEASE TO PRODUCTION         | 2007,9,8 | 1.0  |

SPECIFICATION

Current Rate: 1 AMP  
Insulation Resistance: 50mΩ Min  
Contact Resistance: 20mΩ Max  
Dielectric voltage: 250V AC for one minute  
Operation Temperature: -20℃ to +85℃

MATERIAL

Insulator: Polyester,UL94v-0  
Standard: Nylon 6T  
Contact Pin: Phosphor Bronze  
Finish: Tin Plated



Recommended PCB Layout  
(PCB TOLERANCE±0.05)

|   |   |   |   |                               |   |                           |   |                |   |                    |   |                 |   |
|---|---|---|---|-------------------------------|---|---------------------------|---|----------------|---|--------------------|---|-----------------|---|
| F | P | C | 2 | B                             | X | 6                         | - | X              | X | T                  | B | -               | L |
|   |   |   |   | S: Straight<br>R: Right Angle |   | No of contacts<br>(03-36) |   | Ti: Tin Plated |   | B: Black Insulator |   | L: RoHS + P.B.T |   |

| Conact | A     | B     | C     |
|--------|-------|-------|-------|
| 03     | 2.50  | 5.05  | 7.15  |
| 04     | 3.75  | 6.30  | 8.40  |
| 05     | 5.00  | 7.55  | 9.65  |
| 06     | 6.25  | 8.80  | 10.90 |
| 07     | 7.50  | 10.05 | 12.15 |
| 08     | 8.75  | 11.30 | 13.40 |
| 09     | 10.00 | 12.55 | 14.65 |
| 10     | 11.25 | 13.80 | 15.90 |
| 11     | 12.50 | 15.05 | 17.15 |
| 12     | 13.75 | 16.30 | 18.40 |
| 13     | 15.00 | 17.55 | 19.65 |
| 14     | 16.25 | 18.80 | 20.90 |
| 15     | 17.50 | 21.30 | 22.15 |
| 16     | 18.75 | 20.05 | 23.40 |
| 17     | 20.00 | 22.55 | 24.65 |
| 18     | 21.25 | 23.80 | 25.90 |
| 19     | 22.50 | 25.05 | 27.15 |
| 20     | 23.75 | 26.30 | 28.40 |
| 21     | 25.00 | 27.55 | 29.65 |
| 22     | 26.25 | 28.80 | 30.90 |
| 23     | 27.50 | 30.05 | 32.15 |
| 24     | 28.75 | 31.30 | 33.40 |
| 25     | 30.00 | 32.55 | 34.65 |
| 26     | 31.25 | 33.80 | 35.90 |
| 27     | 32.50 | 35.05 | 37.15 |
| 28     | 33.75 | 36.30 | 38.40 |
| 29     | 35.00 | 37.55 | 39.65 |
| 30     | 36.25 | 38.80 | 40.90 |
| 31     | 37.50 | 40.05 | 42.15 |
| 32     | 38.75 | 41.30 | 43.40 |
| 33     | 40.00 | 42.55 | 44.65 |
| 34     | 41.25 | 43.80 | 45.90 |
| 35     | 42.50 | 45.05 | 47.15 |
| 36     | 43.75 | 46.30 | 48.40 |

|       |       |       |          |                |       |    |                                                                  |                                                                                       |
|-------|-------|-------|----------|----------------|-------|----|------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| APPRO | CHECK | DRAWN | PART NO. | FPC2BX6-XXTB-L |       |    | DESCRIPTION                                                      |  |
|       |       |       | ITEM NO. |                |       |    |                                                                  |                                                                                       |
|       |       |       | DRAW NO. |                |       |    |                                                                  |                                                                                       |
|       |       |       | UNIT     | mm             | SCALE | no |                                                                  |                                                                                       |
|       |       |       | TOLER    |                | NO.   |    | Tel: 0769 22020068 Fax: 0769 22020069 E-mail: sales@vigortec.com |                                                                                       |