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PRODUCT NUMBER

20020618-MXXXXXXLF

20020618-□□□□□△□□□□□LF

PITCH

M: 7.62 mm

POLES

02: 2 POLES  
03: 3 POLES  
04: 4 POLES

16: 16 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT  
W/ BOX PACKING

HOUSING CODE

| CODE | COLOR             | AVAILABILITY    |
|------|-------------------|-----------------|
| 1    | GREEN(RAL 6018/T) | STANDARD        |
| 2    | BLACK             | ON REQUEST ONLY |
| 3    | GREY(RAL 7004/P)  | ON REQUEST ONLY |
| 4    | BLUE(RAL 5015/A)  | ON REQUEST ONLY |

## PROPERTY TABLE

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| FCI SERIES NAME           | 07-762                                                                              |
| PITCH (mm)                | 7.62                                                                                |
| VOLTAGE RATING (VAC)      | 300                                                                                 |
| CURRENT RATING (A)        | 32                                                                                  |
| WITHSTANDING VOLTAGE (kV) | 1.6                                                                                 |
| OPERATING TEMP. (°C)      | -40~+115                                                                            |
| SOLDERING TEMP. (°C)      | 250±10<br>(5 sec.)                                                                  |
| POLES AVAILABLE           | 02~16                                                                               |
| SAFETY CERTIFICATE        |  |

## NOTES:

## MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.  
1-2 TERMINAL: COPPER ALLOY, TIN PLATED.

2. PRODUCTION SPECIFICATION REFER TO FCI GS-12-625.

3. BOXED PACKAGING.

DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON  
PRODUCT SURFACE.5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN  
UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN  
GS-22-008.

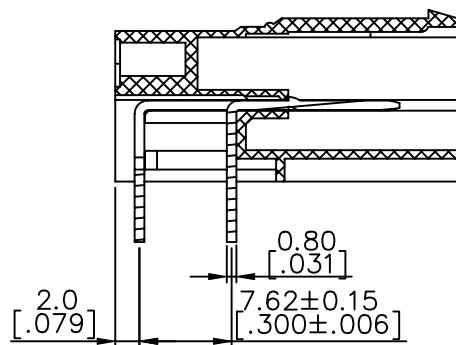
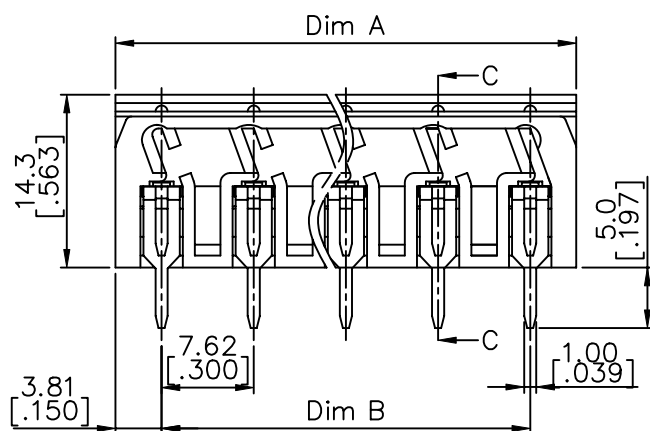
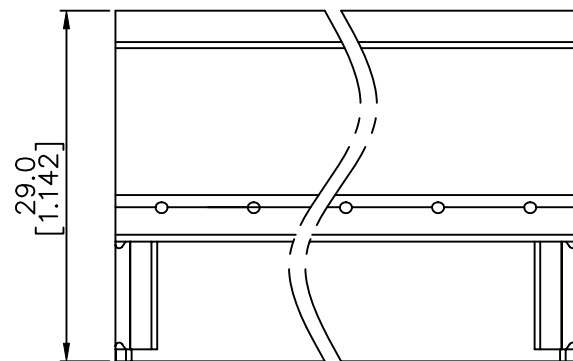
6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

|             |           |    |        |                                                                                                 |               |                         |                                                                                       |                                                                                                     |                                                 |                                  |  |              |                  |
|-------------|-----------|----|--------|-------------------------------------------------------------------------------------------------|---------------|-------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------|--|--------------|------------------|
| mat'l. code |           |    |        | surface<br>ASME Y14.5                                                                           |               | tolerance<br>ASME Y14.5 |                                                                                       | projection<br> |                                                 | product family<br>TERMINAL BLOCK |  |              |                  |
| ltr         | ecr no    | dr | date   | tolerances unless otherwise specified                                                           |               |                         |                                                                                       |                                                                                                     |                                                 | title                            |  |              |                  |
| A           | 0609-0203 | BF | 062509 | angles<br> | X.±0.5[.020]  |                         |  |                                                                                                     | TERMINAL BLOCK<br>PLUGGABLE SOCKET, RIGHT ANGLE |                                  |  |              |                  |
| B           | T09-1148  | BF | 111709 |                                                                                                 | X.X±0.3[.012] |                         |                                                                                       |                                                                                                     |                                                 |                                  |  |              |                  |
| C           | T10-0042  | WL | 030310 |                                                                                                 | X'±1"         |                         |                                                                                       |                                                                                                     |                                                 |                                  |  |              |                  |
| D           | T10-0159  | WL | 100410 | dr                                                                                              | BEER FU       | 062509                  |                                                                                       |                |                                                 | dwg no                           |  | sheet 1 of 2 | size             |
| E           | T10-0187  | WL | 121410 | enr                                                                                             | BEER FU       | 062509                  |                                                                                       |                                                                                                     |                                                 | 20020618                         |  | A4           |                  |
| F           | T-004746  | WL | 072211 | chr                                                                                             | GARY HSIEH    | 062509                  |                                                                                       |                                                                                                     |                                                 | type                             |  |              | CUSTOMER Drawing |
|             |           |    |        | appd                                                                                            | JOSEPH HSIA   | 062509                  |                                                                                       |                                                                                                     |                                                 |                                  |  |              |                  |
| sheet index | revision  | F  | F      |                                                                                                 |               |                         |                                                                                       |                                                                                                     |                                                 |                                  |  |              |                  |
|             | sheet     | 1  | 2      |                                                                                                 |               |                         |                                                                                       |                                                                                                     |                                                 |                                  |  |              |                  |

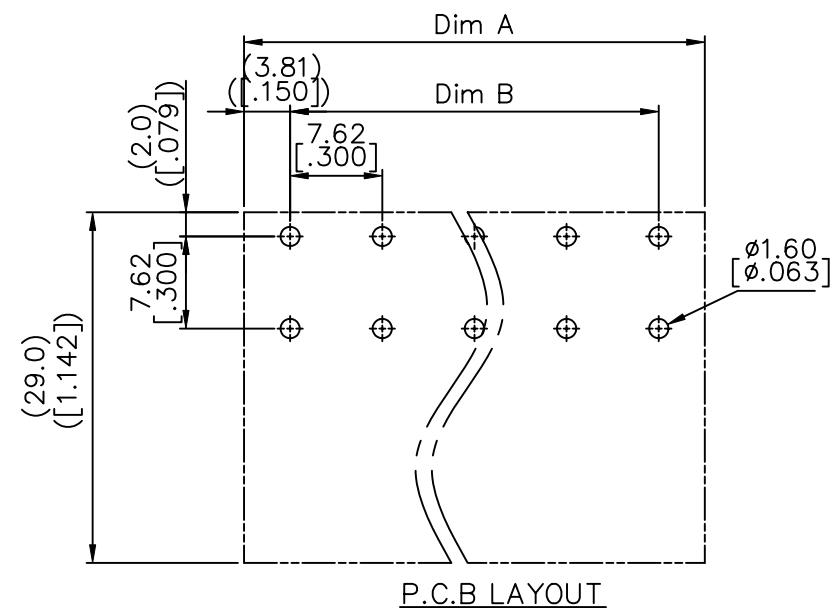
| PRODUCT NUMBER     | SERIES NAME | PITCH   |
|--------------------|-------------|---------|
| 20020618-MXXXXXXLF | 07-762      | 7.62 mm |

N = NUMBER OF POLES  
Dim A =  $N \times 7.62$  [.300]  
Dim B =  $(N-1) \times 7.62$  [.300]

| Poles  | Tol. | Dim A             | Dim B |
|--------|------|-------------------|-------|
| 2-5p   |      | $\pm 0.20$ [.008] |       |
| 6-10p  |      | $\pm 0.30$ [.012] |       |
| 11-13p |      | $\pm 0.35$ [.014] |       |
| 14-16p |      | $\pm 0.40$ [.016] |       |



SECTION C-C



P.C.B LAYOUT

|             |          |       |    |                       |                                                                                               |                |                                                |
|-------------|----------|-------|----|-----------------------|-----------------------------------------------------------------------------------------------|----------------|------------------------------------------------|
| mat'l. code |          |       |    | surface<br>ASME Y14.5 | tolerance<br>ASME Y14.5                                                                       | projection<br> | product family<br>TERMINAL BLOCK               |
| ltr         | ecn      | no    | dr | date                  | tolerances unless otherwise specified                                                         |                | title                                          |
| F           |          |       |    |                       | angles<br>X. $\pm 0.5$ [.020]<br>X.X $\pm 0.3$ [.012]<br>X $\pm 1$ "<br>X.XX $\pm 0.1$ [.004] | MM<br>[INCH]   | TERMINAL BLOCK<br>PLUGABLE, SOCKET, POWER, R/A |
|             |          |       |    | dr                    | BEER FU                                                                                       | 062509         | dwg no                                         |
|             |          |       |    | enr                   | BEER FU                                                                                       | 062509         | sheet 2 of 2                                   |
|             |          |       |    | chr                   | GARY HSIEH                                                                                    | 062509         | size                                           |
|             |          |       |    | app                   | JOSEPH HSIA                                                                                   | 062509         | A4                                             |
| sheet index | revision | sheet |    |                       |                                                                                               |                | type                                           |
|             |          |       |    |                       |                                                                                               |                | CUSTOMER Drawing                               |