



PRODUCT NUMBER

20020619-XXXXXXLF

20020619-□□□□A0□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

## 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        |  |

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 |

## NOTES:

## 1. 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.

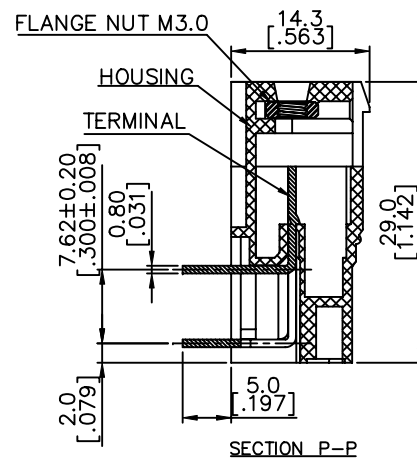
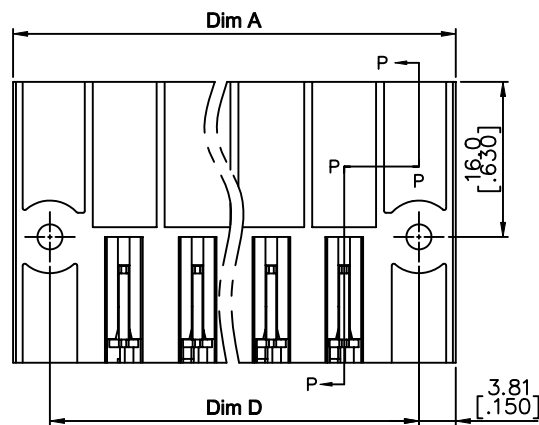
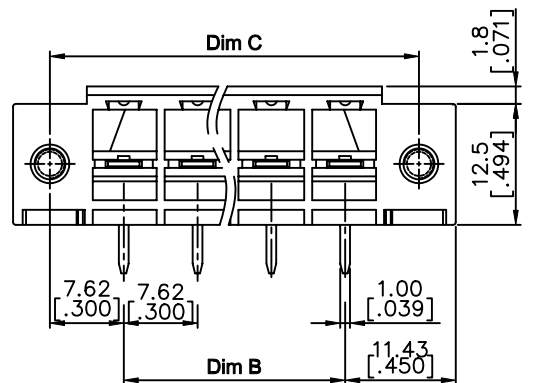
## 4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

## 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         | ecn no   | dr | date   | tolerances unless otherwise specified |                         |                                                                                                     | title                            |
| A           | T10-0062 | WL | 050710 | angles                                | X.±0.5[.020]            | MM                                                                                                  | TERMINAL BLOCK                   |
| B           | T10-0155 | WL | 093010 | hole                                  | X.X±0.3[.012]           | INCH                                                                                                | PLUGGABLE, SOCKET, POWER, R/A    |
| C           | T10-0187 | WL | 121410 |                                       | X.X±0.1[.004]           | scale                                                                                               | W/FLANGE                         |
| D           | T-004860 | WL | 080411 | dr                                    | WENDY CHEN 042610       |                | dwg no                           |
|             |          |    |        | enrg                                  | JASON HSU 042610        |                                                                                                     | sheet 1 of 2                     |
|             |          |    |        | chr                                   | GARY HSIEH 042610       |                                                                                                     | size                             |
|             |          |    |        | appd                                  | JOSEPH HSIA 042610      |                                                                                                     | A4                               |
| sheet index | revision | D  | D      |                                       |                         |                                                                                                     | type                             |
|             | sheet    | 1  | 2      |                                       |                         |                                                                                                     | CUSTOMER Drawing                 |

| PRODUCT NUMBER     | SERIES NAME | PITCH   |
|--------------------|-------------|---------|
| 20020619-MXXXXXXLF | 07-762      | 7.62 mm |



N = Number of poles

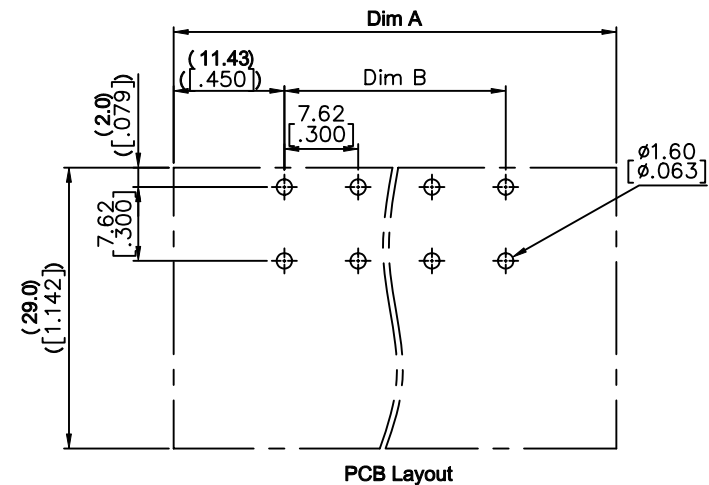
$$\text{Dim A} = (N-1) \times 7.62 [.300] + 22.86 [.900]$$

$$\text{Dim B} = (N-1) \times 7.62 [.300]$$

$$\text{Dim C} = (N+1) \times 7.62 [.300]$$

$$\text{Dim D} = (N+1) \times 7.62 [.300]$$

| Poles  | Dim A        | Dim B | Dim C | Dim D |
|--------|--------------|-------|-------|-------|
| 2-4p   | ±0.15 [.006] |       |       |       |
| 5-8p   | ±0.25 [.010] |       |       |       |
| 9-12p  | ±0.35 [.014] |       |       |       |
| 13-16p | ±0.40 [.016] |       |       |       |



|             |                |    |      |                                       |                                          |                                                                                       |                                                             |
|-------------|----------------|----|------|---------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------|
| mat'l. code |                |    |      | surface<br>ASME Y14.5 ✓               | tolerance<br>ASME Y14.5                  | projection<br>MM<br>INCH                                                              | product family<br>TERMINAL BLOCK                            |
| ltr         | ecn no         | dr | date | tolerances unless otherwise specified |                                          |                                                                                       | title                                                       |
| D           |                |    |      | angles                                | X.±0.5 [.020]<br>X.X±0.3 [.012]<br>X°±1° | scale                                                                                 | TERMINAL BLOCK<br>PLUGGABLE, SOCKET, POWER, R/A<br>W/FLANGE |
|             |                |    |      | dr                                    | WENDY CHEN 042610                        |  | sheet 2 of 2 size                                           |
|             |                |    |      | enr                                   | JASON HSU 042610                         |                                                                                       | dwg no                                                      |
|             |                |    |      | chr                                   | GARY HSIEH 042610                        |                                                                                       | 20020619                                                    |
|             |                |    |      | appd                                  | JOSEPH HSIA 042610                       |                                                                                       | A4                                                          |
| sheet index | revision sheet |    |      |                                       |                                          |                                                                                       | type<br>CUSTOMER Drawing                                    |