

PRODUCT NUMBER  
20020517-XXXXXXLF

20020517-□ □ □ □ 0 □ L F

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

SCREW CODE

| CODE | SCREW TYPE                                                                              | AVAILABILITY    |
|------|-----------------------------------------------------------------------------------------|-----------------|
| A    | -/+  | ON REQUEST ONLY |
| B    | -    | STANDARD        |

ALL FLANGE SCREWS ARE ONLY AVAILABLE IN +/-  
COMBINATION SCREW TYPES.

| PROPERTY TABLE                            |          |        |                                                                                          |
|-------------------------------------------|----------|--------|------------------------------------------------------------------------------------------|
| FCI SERIES NAME                           |          | 04-762 |                                                                                          |
| PITCH (mm)                                |          | 7.62   |                                                                                          |
| VOLTAGE RATING (VAC)                      |          | 300    |                                                                                          |
| CURRENT RATING (A)                        |          | 32     |                                                                                          |
| APPLICABLE WIRE RANGE (AWG)               |          | 1-WIRE | 8~24                                                                                     |
|                                           |          | 2-WIRE | 14                                                                                       |
| WIRE CROSS SECTION<br>(mm <sup>2</sup> )  | SOLID    | 1-WIRE | 10                                                                                       |
|                                           |          | 2-WIRE | 2.5                                                                                      |
|                                           | STRANDED | 1-WIRE | 6                                                                                        |
|                                           |          | 2-WIRE | 4                                                                                        |
| OPENING CONTACT HOUSING(mm <sup>2</sup> ) |          |        | 3.6x4.1                                                                                  |
| WIRE STRIP LENGTH(mm)                     |          |        | 6~7                                                                                      |
| TORQUE +/-10% (N-m/Lb-in)                 |          |        | 0.8/7.0                                                                                  |
| SCREW                                     |          |        | M3.5x0.5                                                                                 |
| WITHSTANDING VOLTAGE (kV)                 |          |        | 1.6                                                                                      |
| OPERATING TEMP. (°C)                      |          |        | -40~+115                                                                                 |
| POLES AVAILABLE                           |          |        | 02~16                                                                                    |
| SAFETY CERTIFICATE                        |          |        | C  US |

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 SCREW: STEEL, ZINC PLATED.  
1-3 CLAMP: COPPER ALLOY, NICKEL PLATED.  
1-4 TERMINAL: COPPER ALLOY, TIN PLATED.  
1-5 WIRE GUARD: STAINLESS STEEL.

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

## 3. BOXED PACKAGING.

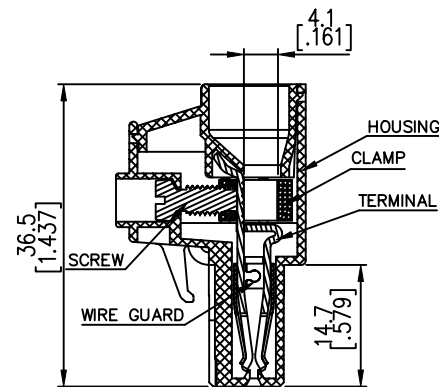
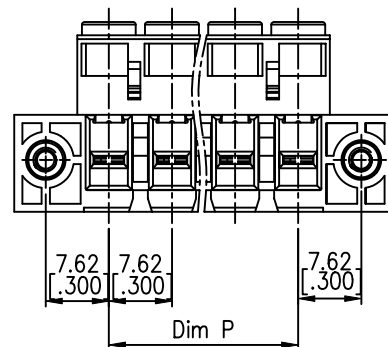
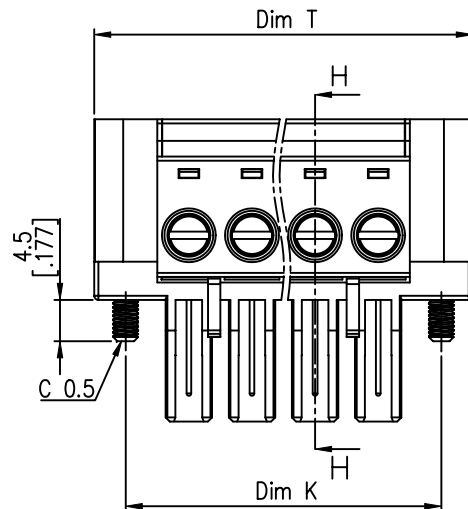
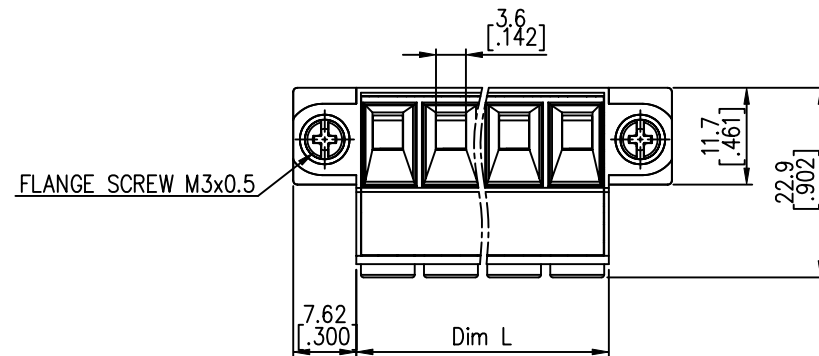
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

## 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.

| mat'l. code |          |    |        | surface                               | tolerance   | projection                                                                            | product family                   |  |  |  |
|-------------|----------|----|--------|---------------------------------------|-------------|---------------------------------------------------------------------------------------|----------------------------------|--|--|--|
|             |          |    |        | ASME Y14.5                            | ASME Y14.5  |  | TERMINAL BLOCK                   |  |  |  |
| ltr         | ecn no   | dr | date   | tolerances unless otherwise specified |             |                                                                                       | title                            |  |  |  |
| A           | T10-0029 | JH | 011810 | angles                                | to file     |  | TERMINAL BLOCK                   |  |  |  |
| B           | T10-0062 | WL | 050710 |                                       |             |                                                                                       | PLUGGABLE, POWER, PLUG, W/FLANGE |  |  |  |
| C           | T10-0123 | WL | 080310 | X±1"                                  | to file     | scale                                                                                 | dwg no                           |  |  |  |
| D           | T10-0155 | WL | 093010 |                                       |             |                                                                                       | sheet 1 of 2                     |  |  |  |
| E           | T10-0187 | WL | 121410 | engr                                  | JASON HSU   | 011810                                                                                | 20020517                         |  |  |  |
| F           | T-004860 | WL | 080411 | chr                                   | GARY HSIEH  | 011810                                                                                | A4                               |  |  |  |
|             |          |    |        | appd                                  | JOSEPH HSIA | 011810                                                                                | type                             |  |  |  |
| sheet index |          |    |        | revision                              | F           | F                                                                                     | CUSTOMER Drawing                 |  |  |  |
|             |          |    |        | sheet                                 | 1           | 2                                                                                     |                                  |  |  |  |

| PRODUCT NUMBER     | SERIES NAME | PITCH   |
|--------------------|-------------|---------|
| 20020517-MXXXXXXLF | 04-762      | 7.62 mm |



SECTION H-H

N=Number of poles  
Dim L=N\*7.62[.300]  
Dim P=(N-1)\*7.62[.300]  
Dim K=(N+1)\*7.62[.300]  
Dim T=(N+2)\*7.62[.300]

| Poles   | Tolerance   |
|---------|-------------|
| 2p      | ±0.10[.004] |
| 3p-4p   | ±0.15[.006] |
| 5p-8p   | ±0.20[.008] |
| 9p-12p  | ±0.30[.012] |
| 13p-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                                              |
| F           |          |    |      |                         | angles<br>X±0.5[.020]<br>X.X±0.3[.012]<br>X°±1°<br>X.XX±0.1[.004] | scale                      | TERMINAL BLOCK<br>PLUGGABLE, POWER, PLUG, W/FLANGE |
|             |          |    | dr   | JASON HSU               | 011810                                                            |                            | dwg no                                             |
|             |          |    | enr  | JASON HSU               | 011810                                                            |                            | 20020517                                           |
|             |          |    | chr  | GARY HSIEH              | 011810                                                            |                            | sheet 2 of 2                                       |
|             |          |    | appd | JOSEPH HSIA             | 011810                                                            |                            | size                                               |
| sheet       | revision |    |      |                         |                                                                   |                            | A4                                                 |
| index       | sheet    |    |      |                         |                                                                   |                            | type                                               |
|             |          |    |      |                         |                                                                   |                            | CUSTOMER Drawing                                   |