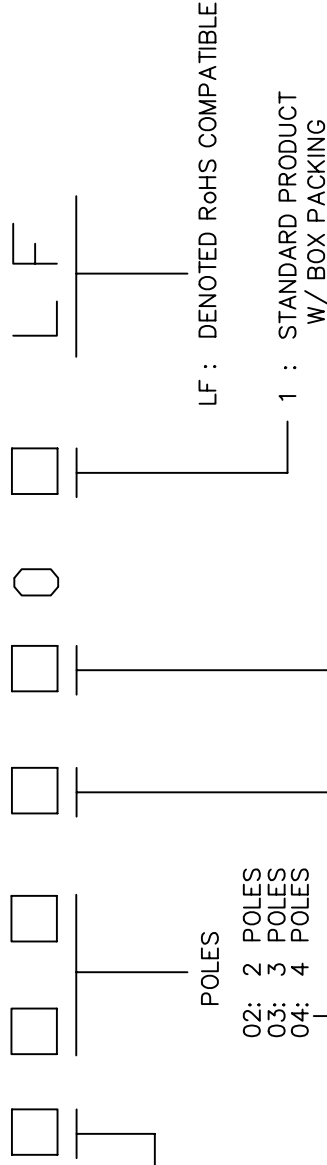


PRODUCT NUMBER

20020327-XXXXXXXXXXLF

2020327



## PITCH

C: 3.50 mm  
D: 3.81 mm

## POLES

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

24: 24 POLES

| PROPERTY TABLE                            |  |                                                                                       |                    |
|-------------------------------------------|--|---------------------------------------------------------------------------------------|--------------------|
| FCI SERIES NAME                           |  | 26~350                                                                                | 26~381             |
| PITCH (mm)                                |  | 3.50                                                                                  | 3.81               |
| VOLTAGE RATING (VAC)                      |  | 300                                                                                   | 300                |
| CURRENT RATING (A)                        |  | 10                                                                                    | 10                 |
| APPLICABLE WIRE RANGE (AWG)               |  | 1~WIRE                                                                                | 16~24              |
|                                           |  | 2~WIRE                                                                                | 20                 |
| WIRE CROSS SECTION<br>(mm <sup>2</sup> )  |  | SOLID                                                                                 |                    |
|                                           |  | 1~WIRE                                                                                | 1.5                |
|                                           |  | 2~WIRE                                                                                | 0.5                |
| STRANDED                                  |  | 1~WIRE                                                                                | 1.0                |
|                                           |  | 2~WIRE                                                                                | 0.2                |
| OPENING CONTACT HOUSING(mm <sup>2</sup> ) |  | 1.6x1.6                                                                               | 1.6x1.6            |
| WIRE STRIP LENGTH(mm)                     |  | 5~6                                                                                   | 5~6                |
| TORQUE +/−10% (N−m/Lb−in)                 |  | 0.19/1.7                                                                              | 0.19/1.7           |
| SCREW                                     |  | M2x0.4                                                                                | M2x0.4             |
| WITHSTANDING VOLTAGE (kV)                 |  | 1.6                                                                                   | 1.6                |
| OPERATING TEMP. (°C)                      |  | −40~+115                                                                              | −40~+115           |
| SOLDERING TEMP. (°C)                      |  | 250±10<br>(5 sec.)                                                                    | 250±10<br>(5 sec.) |
| POLES AVAILABLE                           |  | 02~24                                                                                 | 02~24              |
| SAFETY CERTIFICATE                        |  |  |                    |

143

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

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:

## 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.
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. RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

| mat'l. code |           |    | surface<br>ASME Y14.5 ✓ |      | tolerance<br>ASME Y14.5                        |  | projection |  | product family              |  | TERMINAL BLOCK   |  |
|-------------|-----------|----|-------------------------|------|------------------------------------------------|--|------------|--|-----------------------------|--|------------------|--|
| ltr         | ecn       | no | dr                      | date | tolerances unless otherwise specified          |  |            |  |                             |  |                  |  |
| A           | D009-0203 | BF | 062509                  |      | $X \pm 0.5$<br>$X.X \pm 0.3$<br>$X.XX \pm 0.1$ |  |            |  | TERMINAL BLOCK              |  |                  |  |
| B           | T09-1148  | BF | 111709                  |      | $X \pm 1^{\circ}$                              |  |            |  | FIXED HORIZONTAL WIRE INLET |  |                  |  |
| C           | T09-1152  | BF | 112609                  |      |                                                |  | scale      |  |                             |  |                  |  |
| D           | T10-0042  | WL | 030310                  |      | dr                                             |  |            |  | dwg no                      |  | sheet 1 of 3     |  |
| E           | T10-0109  | WL | 070710                  |      | engr                                           |  |            |  | 20020327                    |  | A4               |  |
| F           | T10-0159  | WL | 100410                  |      | chr                                            |  |            |  |                             |  |                  |  |
| G           | T10-0187  | WL | 121410                  |      | appd                                           |  |            |  | type                        |  | CUSTOMER Drawing |  |
| sheet       | revision  | G  | G                       |      |                                                |  |            |  |                             |  |                  |  |
| index       | sheet     | 1  | 2                       | 3    |                                                |  |            |  |                             |  |                  |  |



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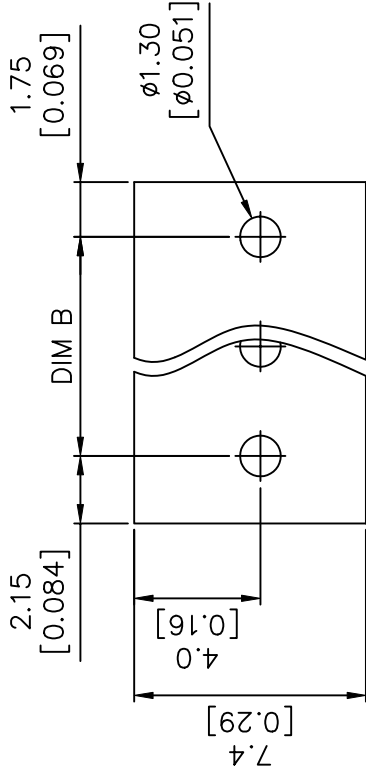
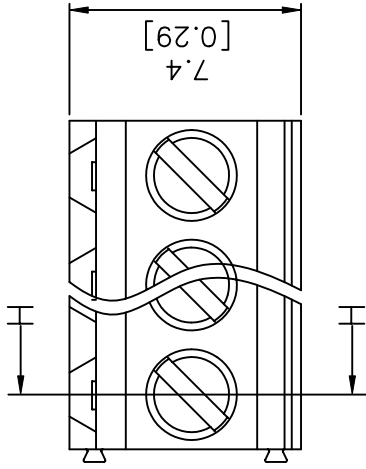
FCIconnect.com

1 | 2

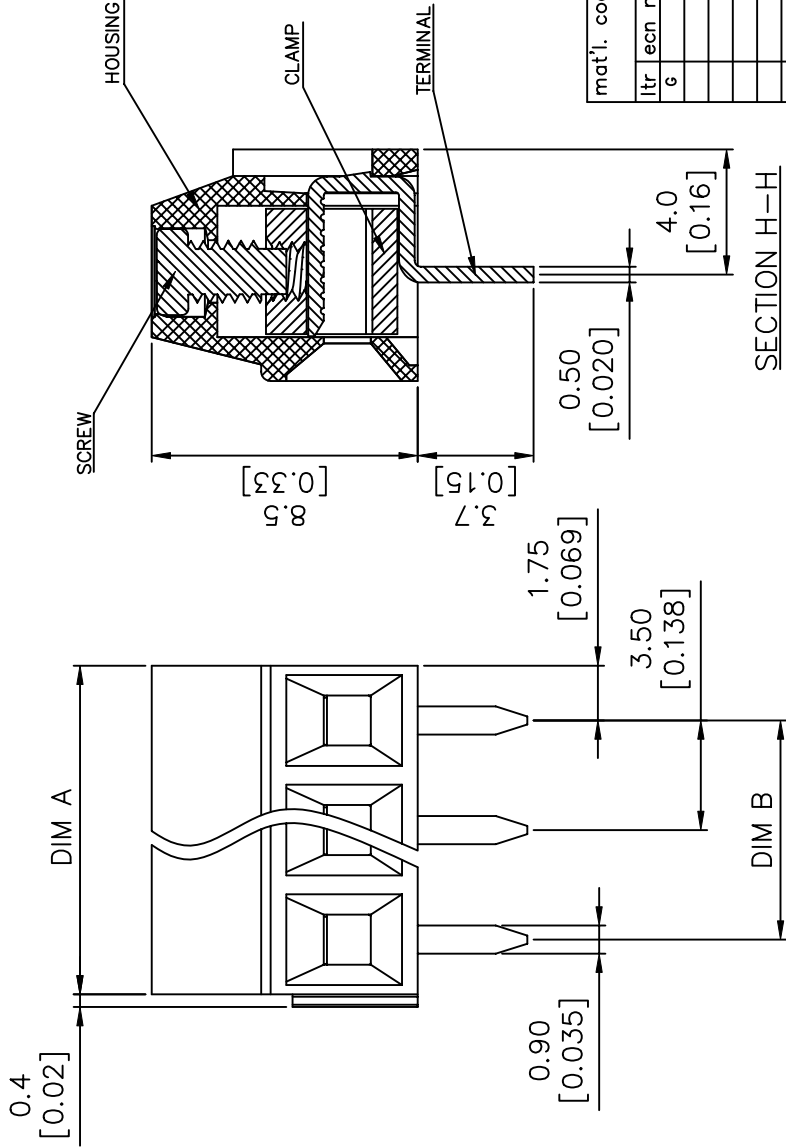
3

4

| PRODUCT NUMBER     | SERIES NAME | PITCH   |
|--------------------|-------------|---------|
| 20020327-CXXXXXXLF | 26-350      | 3.50 mm |



P.C.B. LAYOUT



N = Number of poles  
Dim A=Nx3.5[0.138]  
Dim B=(N-1)x3.5[0.138]

| TOL.   | Dim A              | Dim B |
|--------|--------------------|-------|
| 2-6p   | $\pm 0.15$ [0.006] |       |
| 7-12p  | $\pm 0.20$ [0.008] |       |
| 13-16p | $\pm 0.25$ [0.010] |       |
| 17-24p | $\pm 0.30$ [0.012] |       |

| mat'l. code |          | surface | tolerance                             | projection    | product family | TERMINAL BLOCK   |
|-------------|----------|---------|---------------------------------------|---------------|----------------|------------------|
| ltr         | ecn no   | date    | ASME Y14.5                            | ASME Y14.5    | title          |                  |
| G           |          |         | tolerances unless otherwise specified |               |                |                  |
|             |          |         | angles                                | MM            |                |                  |
|             |          |         | X $\pm 1^\circ$                       | X.X $\pm 0.3$ |                |                  |
|             |          |         | X.XX $\pm 0.1$                        | scale         |                |                  |
|             |          | dr      | BEER FU                               | 062509        |                |                  |
|             |          | engr    | BEER FU                               | 062509        |                |                  |
|             |          | chr     | GARY HSEH                             | 062509        |                |                  |
|             |          | appd    | JOSEPH HSIA                           | 062509        |                |                  |
| sheet       | revision |         |                                       |               | dwg no         | sheet 2 of 3size |
| index       | sheet    |         |                                       |               | 20020327       | A4               |
|             |          |         |                                       |               | type           | CUSTOMER Drawing |

SECTION H-H



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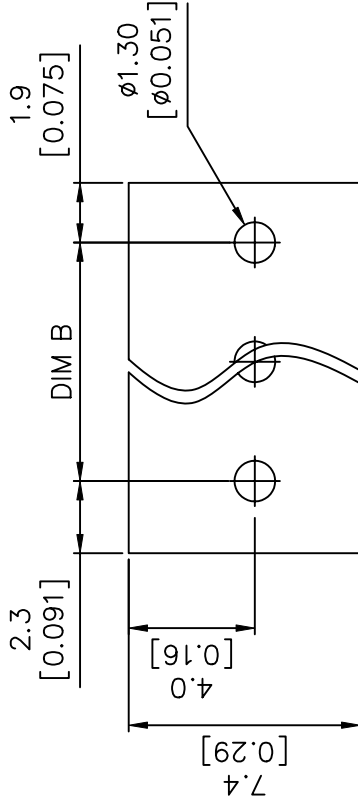
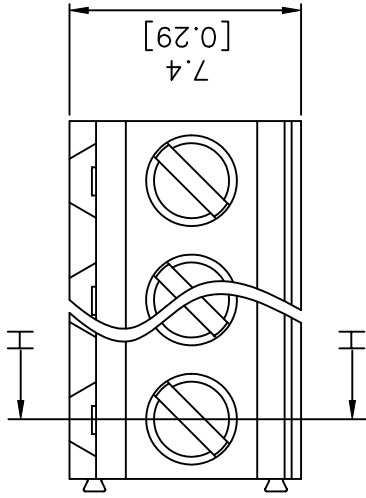
FCIconnect.com

1 | 2

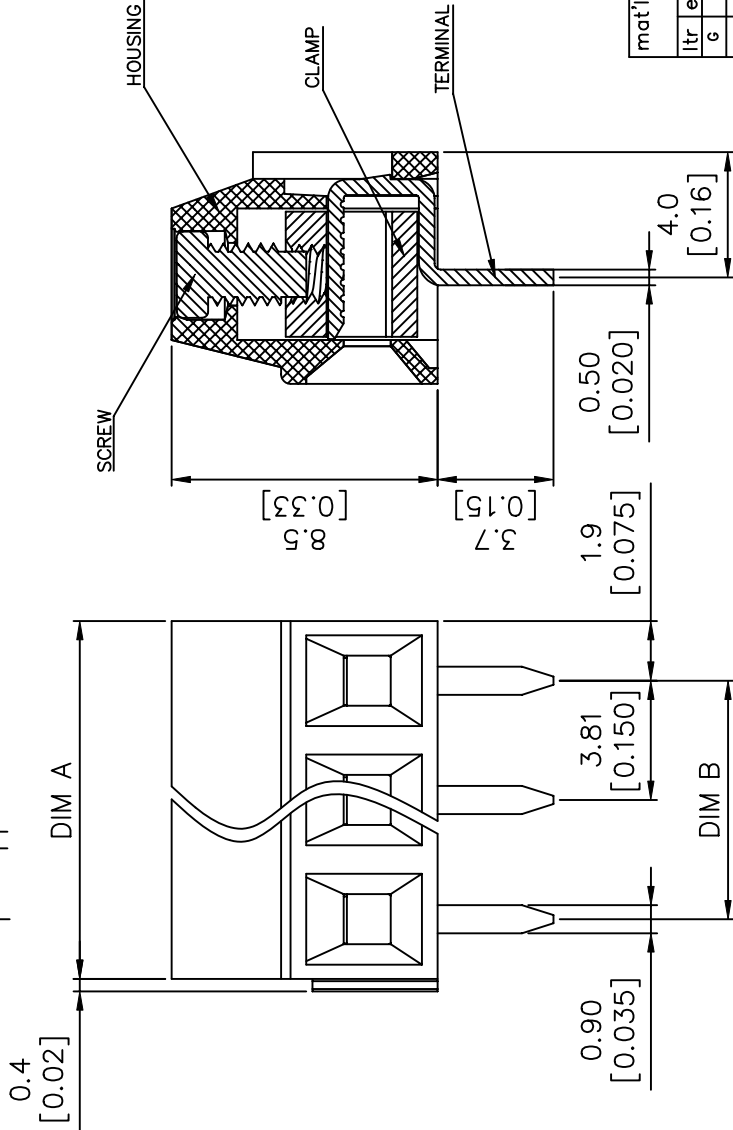
3

4

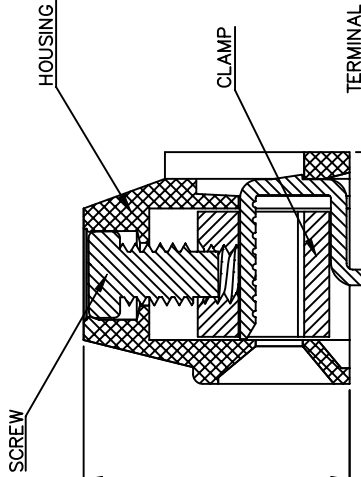
| PRODUCT NUMBER   | SERIES NAME | PITCH   |
|------------------|-------------|---------|
| 20020327-DXXXXXL | 26-381      | 3.81 mm |



### P.C.B. LAYOUT



### SEC H-H



N = Number of poles  
Dim A =  $N \times 3.81$  [0.150]  
Dim B =  $(N-1) \times 3.81$  [0.150]

| TOL.   | Dim A              | Dim B |
|--------|--------------------|-------|
| 2-6p   | $\pm 0.15$ [0.006] |       |
| 7-12p  | $\pm 0.20$ [0.008] |       |
| 13-16p | $\pm 0.25$ [0.010] |       |
| 17-24p | $\pm 0.30$ [0.012] |       |

| mat'l. code |           | surface | tolerance        | projection                            | product family              | terminal block    |
|-------------|-----------|---------|------------------|---------------------------------------|-----------------------------|-------------------|
| ltr         | ecn no dr | date    | ASME Y14.5       | tolerances unless otherwise specified | title                       |                   |
| G           |           |         | ASME Y14.5       | tolerances unless otherwise specified | terminal block              |                   |
|             |           |         | angles           | MM                                    | terminal block              |                   |
|             |           |         | X $\pm 1^\circ$  | [INCH]                                | FIXED HORIZONTAL WIRE INLET |                   |
|             |           |         | X.X $\pm 0.1$    | scale                                 | dwg no                      | sheet 3 of 3 size |
|             |           |         | dr BEER FU       | 062509                                | 20020327                    | A4                |
|             |           |         | enr BEER FU      | 062509                                |                             |                   |
|             |           |         | chr GARY HSIEH   | 062509                                |                             |                   |
|             |           |         | appd JOSEPH HSIA | 062509                                |                             |                   |
| sheet       | revision  |         |                  |                                       | type                        | CUSTOMER Drawing  |
| index       | sheet     |         |                  |                                       |                             |                   |