



PRODUCT NUMBER

20020035-XXXXXXLF

20020035-□□□□B0□LF

PITCH

G: 5.00 mm  
H: 5.08 mm

POLES

02: 2 POLES  
03: 3 POLES  
.....  
24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT  
W/ BOX PACKING

## PROPERTY TABLE

| PROPERTY TABLE                            |          |                                                                                     |                                                                                     |       |     |
|-------------------------------------------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|-----|
| FCI SERIES NAME                           |          | 35-500                                                                              | 35-508                                                                              |       |     |
| PITCH (mm)                                |          | 5.00                                                                                | 5.08                                                                                |       |     |
| VOLTAGE RATING (VAC)                      |          | 300                                                                                 | 300                                                                                 |       |     |
| CURRENT RATING (A)                        |          | 10                                                                                  | 10                                                                                  |       |     |
| APPLICABLE WIRE RANGE (AWG)               | 1-WIRE   |                                                                                     | 12~26                                                                               | 12~26 |     |
|                                           | 2-WIRE   |                                                                                     | NA                                                                                  | NA    |     |
| WIRE CROSS SECTION<br>(mm <sup>2</sup> )  | SOLID    | 1-WIRE                                                                              |                                                                                     | 2.5   | 2.5 |
|                                           |          | 2-WIRE                                                                              |                                                                                     | NA    | NA  |
|                                           | STRANDED | 1-WIRE                                                                              |                                                                                     | 2.5   | 2.5 |
|                                           |          | 2-WIRE                                                                              |                                                                                     | NA    | NA  |
| OPENING CONTACT HOUSING(mm <sup>2</sup> ) |          | 2.4x3.0                                                                             | 2.2x3.0                                                                             |       |     |
| WIRE STRIP LENGTH(mm)                     |          | 8~9                                                                                 | 8~9                                                                                 |       |     |
| WITHSTANDING VOLTAGE (kV)                 |          | 1.6                                                                                 | 1.6                                                                                 |       |     |
| OPERATING TEMP. (°C)                      |          | -40~+115                                                                            | -40~+115                                                                            |       |     |
| POLES AVAILABLE                           |          | 02~24                                                                               | 02~24                                                                               |       |     |
| 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 |

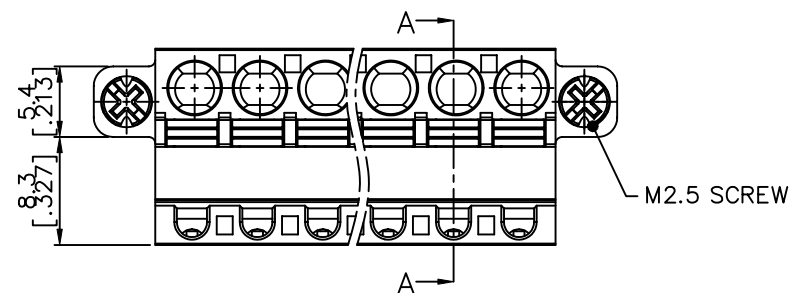
## NOTES:

## 1. MATERIALS

- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 INSULATING LEVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-3 WIRE GUARD : STAINLESS STEEL.
- 1-4 TERMINAL: COPPER ALLOY, TIN PLATED.
- 1-5 SCREW: STEEL, ZINC PLATED.
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
3. 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.

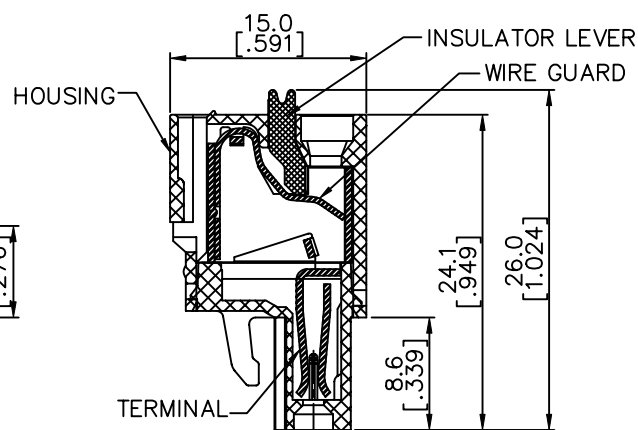
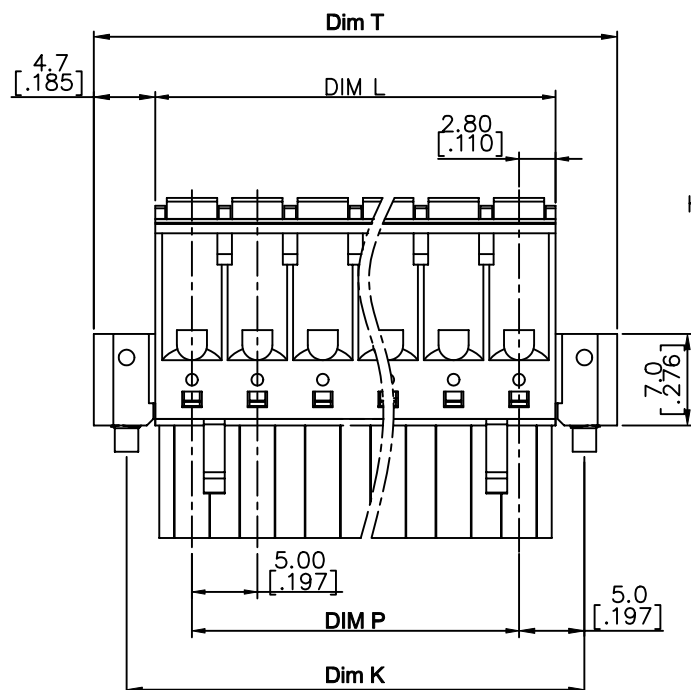
| mat'l. code |                |    |        | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection | product family                                   |
|-------------|----------------|----|--------|---------------------------------------|-------------------------|------------|--------------------------------------------------|
| litr        |                |    |        | tolerances unless otherwise specified |                         |            | TERMINAL BLOCK                                   |
| A           | T11-0004       | WL | 011811 | angles                                | X.±0.5                  | MM         | title                                            |
| B           | T-005306       | WL | 082311 | to 1°                                 | X.X±0.3                 | [INCH]     | TERMINAL BLOCK                                   |
|             |                |    |        | X*±1°                                 | X.XX±0.1                | scale      | PLUGGABLE SIGNAL PLUG, DOWNSIDE CONTACT W/FLANGE |
|             |                |    |        | dr                                    | WENDY CHEN              | 113010     | sheet 1 of 3                                     |
|             |                |    |        | engr                                  | JASON HSU               | 113010     | size                                             |
|             |                |    |        | chr                                   | JASON HSU               | 113010     | 20020035                                         |
|             |                |    |        | appd                                  | JASON HSU               | 113010     | A4                                               |
| sheet index | revision sheet | B  | B      | B                                     |                         |            | type                                             |
|             |                | 1  | 2      | 3                                     |                         |            | CUSTOMER Drawing                                 |

| PRODUCT NUMBER     | SERIES NAME | PITCH   |
|--------------------|-------------|---------|
| 20020035-GXXXXXXLF | 35-500      | 5.00 mm |

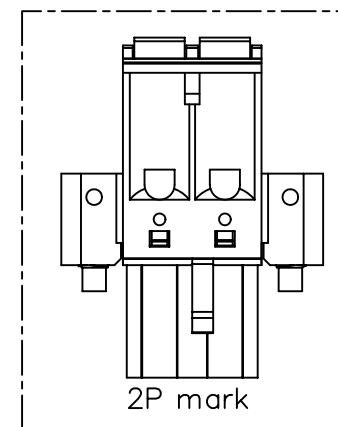


N = Number of poles  
 DIM. L =  $(N \times 5.00 [.197]) + 0.6 [.024]$   
 DIM. P =  $(N - 1) \times 5.00 [.197]$   
 DIM. T =  $(N \times 5.00 [.197]) + 10.02 [.394]$   
 DIM. K =  $(N + 1) \times 5.00 [.197]$

| POLES  | DIM. L & P        | DIM. T & K        |
|--------|-------------------|-------------------|
| 2-6p   | $\pm 0.15 [.006]$ | $\pm 0.15 [.006]$ |
| 7-12p  | $\pm 0.20 [.008]$ | $\pm 0.25 [.010]$ |
| 13-18p | $\pm 0.25 [.010]$ | $\pm 0.30 [.012]$ |
| 19-24p | $\pm 0.30 [.012]$ | $\pm 0.40 [.016]$ |

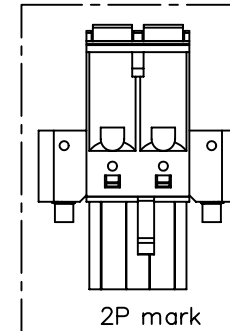
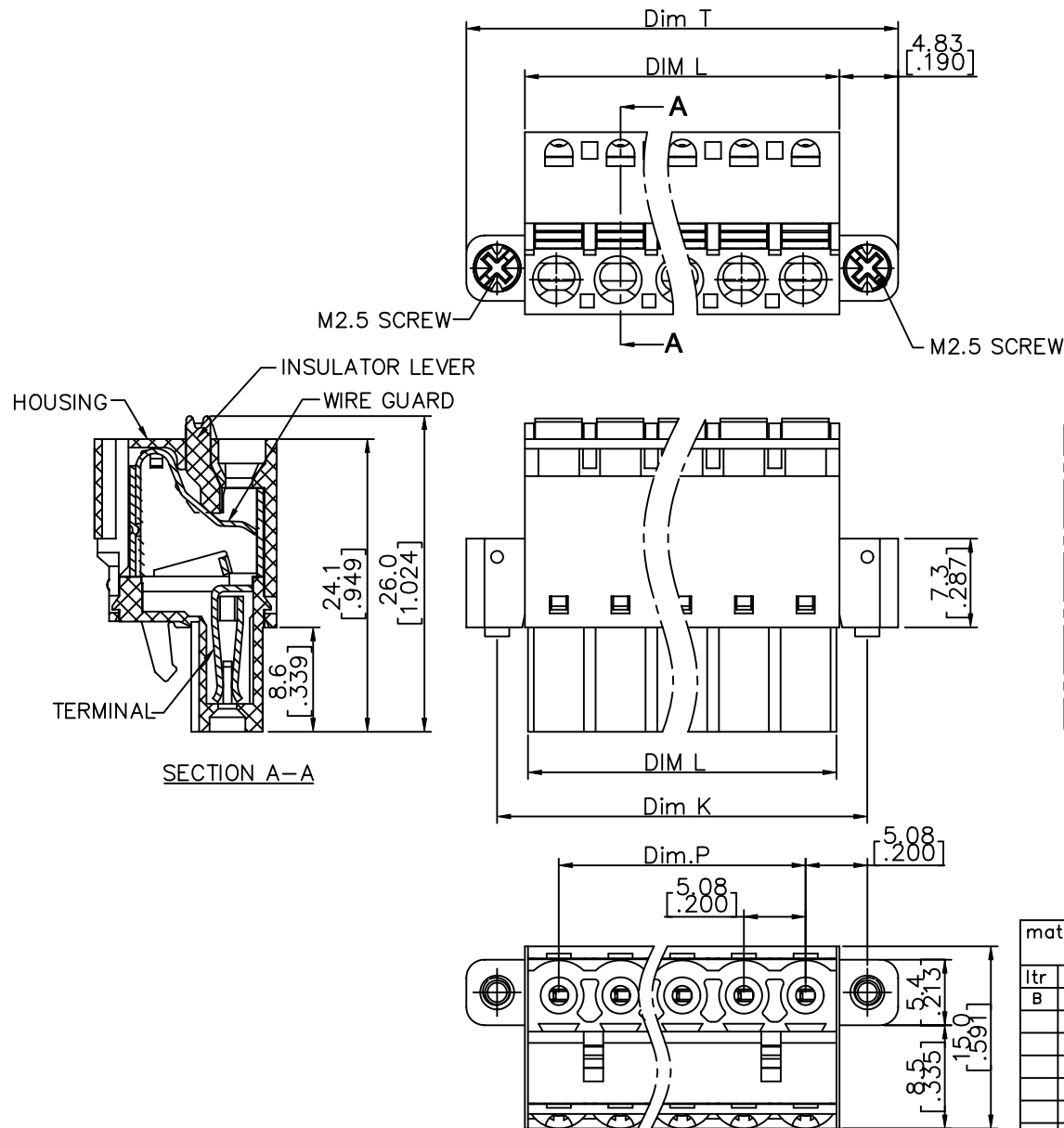


SECTION A-A



|             |                |      |            |                                       |                                |                            |                                                                       |
|-------------|----------------|------|------------|---------------------------------------|--------------------------------|----------------------------|-----------------------------------------------------------------------|
| 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                                                                 |
| B           |                |      |            | angles<br>X°±1°                       | X.X±0.5<br>X.X±0.3<br>X.XX±0.1 | scale                      | TERMINAL BLOCK<br>PLUGGABLE SIGNAL PLUG, DOWNSIDE CONTACT<br>W/FLANGE |
|             |                | dr   | WENDY CHEN | 113010                                |                                |                            | sheet 2 of 3                                                          |
|             |                | enr  | JASON HSU  | 113010                                |                                |                            | size                                                                  |
|             |                | chr  | JASON HSU  | 113010                                |                                |                            | A4                                                                    |
|             |                | appd | JASON HSU  | 113010                                |                                |                            | type                                                                  |
| sheet index | revision sheet |      |            |                                       |                                |                            | CUSTOMER Drawing                                                      |

| PRODUCT NUMBER     | SERIES NAME | PITCH   |
|--------------------|-------------|---------|
| 20020035-HXXXXXXLF | 35-508      | 5.08 mm |



N = Number of poles  
DIM. L =  $(N \times 5.08 [.200]) + 0.5 [.020]$   
DIM. P =  $(N - 1) \times 5.08 [.200]$   
DIM. T =  $(N \times 5.08 [.200]) + 0.16 [.400]$   
DIM. K =  $(N + 1) \times 5.08 [.200]$

| POLES  | DIM. L & P        | DIM. T & K        |
|--------|-------------------|-------------------|
| 2-6p   | $\pm 0.15 [.006]$ | $\pm 0.15 [.006]$ |
| 7-12p  | $\pm 0.20 [.008]$ | $\pm 0.25 [.010]$ |
| 13-18p | $\pm 0.25 [.010]$ | $\pm 0.30 [.012]$ |
| 19-24p | $\pm 0.30 [.012]$ | $\pm 0.40 [.016]$ |

|             |                |      |            |                                       |                               |                            |                                                                       |  |
|-------------|----------------|------|------------|---------------------------------------|-------------------------------|----------------------------|-----------------------------------------------------------------------|--|
| 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                                                                 |  |
| B           |                |      |            | angles<br>X°±1°                       | X.±0.5<br>X.X±0.3<br>X.XX±0.1 | scale                      | TERMINAL BLOCK<br>PLUGGABLE SIGNAL PLUG, DOWNSIDE CONTACT<br>W/FLANGE |  |
|             |                | dr   | WENDY CHEN | 113010                                |                               |                            | dwg no                                                                |  |
|             |                | enr  | JASON HSU  | 113010                                |                               |                            | sheet 3 of 3                                                          |  |
|             |                | chr  | JASON HSU  | 113010                                |                               |                            | 20020035                                                              |  |
|             |                | appd | JASON HSU  | 113010                                |                               |                            | A4                                                                    |  |
| sheet index | revision sheet |      |            |                                       |                               |                            | type                                                                  |  |
|             |                |      |            |                                       |                               |                            | CUSTOMER Drawing                                                      |  |