


PRODUCT NUMBER
20020516-MXXXXXL20020516 —        L FPITCH
M: 7.62 mm

POLES



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


24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

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

| 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 (mm ²) | SOLID | 1-WIRE | 10 |
| | | 2-WIRE | 2.5 |
| | STRANDED | 1-WIRE | 6 |
| | | 2-WIRE | 4 |
| OPENING CONTACT HOUSING(mm ²) | | | 3.6x4.2 |
| WIRE STRIP LENGTH(mm) | | | 10~11 |
| TORQUE +/-10% (N-m/Lb-in) | | | 0.79/7.0 |
| SCREW | | | M3.5x0.5 |
| WITHSTANDING VOLTAGE (kV) | | | 1.6 |
| OPERATING TEMP. (°C) | | | -40~+115 |
| SOLDERING TEMP. (°C) | | | 250±10 (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:

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 ASME Y14.5 | tolerance ASME Y14.5 | projection  | product family TERMINAL BLOCK |
|-------------|----------------|----|--------|---------------------------------------|-------------------------|---|---|
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | title |
| A | DG09-0203 | BF | 062509 | angles | X.±0.5 | MM | TERMINAL BLOCK PLUGGABLE PLUG, CONTACT DOWN SIDE |
| B | T09-1148 | BF | 111709 | tolerances | X.X±0.3 | [INCH] | |
| C | T09-1152 | BF | 112809 | X'±1" | X.XX±0.1 | scale | sheet 1 of 2 size |
| D | T10-0042 | WL | 030310 | dr | BEER FU | 062509 | |
| E | T10-0159 | WL | 100410 | enrg | BEER FU | 062509 | 20020516 |
| F | T10-0187 | WL | 121410 | chr | GARY HSIEH | 062509 | |
| | | | | appd | JOSEPH HSIA | 062509 | A4 |
| sheet index | revision sheet | F | F | | | | type |
| | | 1 | 2 | | | | CUSTOMER Drawing |

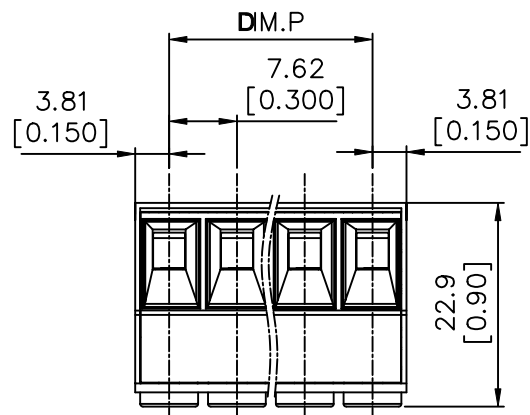


1 2

3

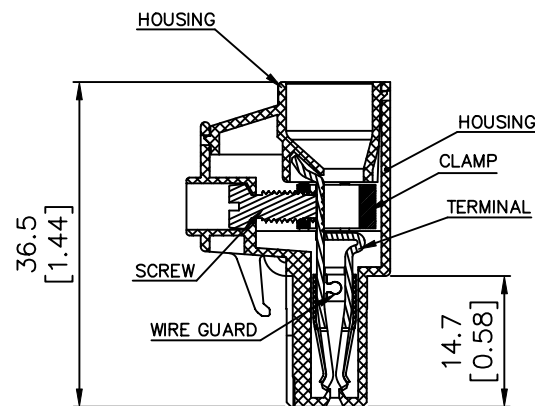
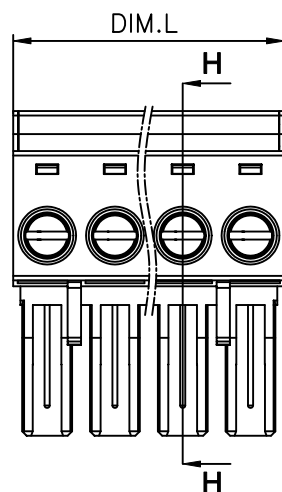
4

| PRODUCT NUMBER | SERIES NAME | PITCH |
|--------------------|-------------|---------|
| 20020516-MXXXXXXLF | 04-762 | 7.62 mm |



N = Number of poles
Dim L = $N \times 7.62 [0.300]$
Dim P = $(N-1) \times 7.62 [0.300]$

| TOL. | Dim L | Dim P |
|--------|--------------------|-------|
| 2-4p | $\pm 0.10 [0.004]$ | |
| 5-8p | $\pm 0.20 [0.008]$ | |
| 9-12p | $\pm 0.30 [0.012]$ | |
| 13-16p | $\pm 0.40 [0.016]$ | |



SEC. H-H

| | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|---|----------------|-----------------------------------|
| mat'l. code | | | | surface ASME Y14.5 ✓ | tolerance ASME Y14.5 | projection | product family TERMINAL BLOCK |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | | title |
| F | | | | angles X°±1° | linear X.±0.5 X.X±0.3 X.XX±0.1 | MM [INCH] | TERMINAL BLOCK |
| | | | | dr | BEER FU | 062509 | PLUGGABLE PLUG, CONTACT DOWN SIDE |
| | | | | enr | BEER FU | 062509 | dwg no |
| | | | | chr | GARY HSIEH | 062509 | sheet 2 of 2 size |
| | | | | appd | JOSEPH HSIA | 062509 | 20020516 A4 |
| sheet index | revision sheet | | | | | | type CUSTOMER Drawing |