



PRODUCT NUMBER
20020008-XXXXXXLF

20020008-

PITCH

C: 3.50 mm
D: 3.81 mm
G: 5.00 mm
H: 5.08 mm

POLES

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

24: 24 POLES

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
5	YELLOW	ON REQUEST ONLY

LF: DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

PRINTING CODE	POSITION	MARKING
0	NONE	NONE
3	SIDE	4,3,2,1
5	SIDE	C,B,A,-,+

SCREW CODE

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

PROPERTY TABLE					
FCI SERIES NAME		02-350	02-381	02-500	02-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)		cULus	8	8	12
		VDE	10	10	NA
APPLICABLE WIRE RANGE (AWG)		1-WIRE	16~28	16~28	12~24
		2-WIRE	20	20	18
WIRE CROSS SECTION (mm ²)		SOLID	1-WIRE	1.5	1.5
			2-WIRE	0.5	0.5
		STRANDED	1-WIRE	1.5	1.5
			2-WIRE	0.75	0.75
OPENING CONTACT HOUSING(mm ²)			2.8x1.7	2.8x1.7	2.6x3.2
WIRE STRIP LENGTH(mm)			6~7	6~7	6~7
TORQUE +/-10% (N-m/Lb-in)			0.19/1.7	0.19/1.7	0.4/3.5
SCREW			M2x0.4	M2x0.4	M3x0.5
WITHSTANDING VOLTAGE (kV)		cULus	1.6	1.6	1.6
		VDE	2.5	2.5	NA
OPERATING TEMP. (°C)			-40~+115	-40~+115	-40~+115
POLES AVAILABLE			02~24	02~24	02~24
SAFETY CERTIFICATE					

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.

2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

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

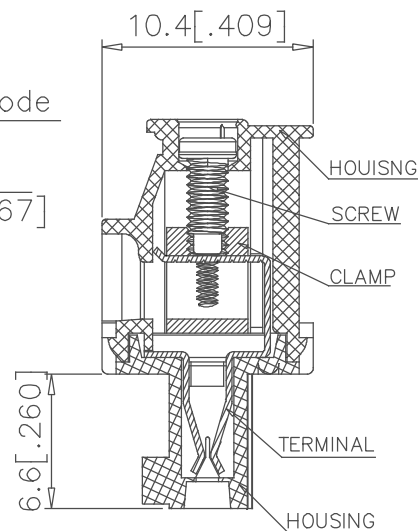
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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 ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK			
itr ecn no dr date				tolerances unless otherwise specified						title			
D T10-0042 WL 030310				angles line b	X.±0.5[.020]						MM		
E T10-0082 WL 080510					X.X±0.3[.012]								
F T10-0172 WL 102010					X'±1' X.XX±0.1[.004]						scale		
G T11-0013 WL 040811				dr	BEER FU		062509			dwg no		sheet 1 of 5 size	
H T-004746 WL 072011				enrg	BEER FU		062509			20020008		A4	
J T-012872 LS 091912				chr	GARY HSIEH		062509						
				appd	JOSEPH HSIA		062509			type CUSTOMER Drawing			
sheet index		revision sheet		J	J	J	J	J					
		1 2				3	4	5					



The drawing shows a mechanical part with a central break line. On the left, there is a circular feature with a cross-section line. To its right, the part continues with a series of five circular features, each with a cross-section line. The break line is a jagged, wavy line that separates the left and right sections of the drawing.

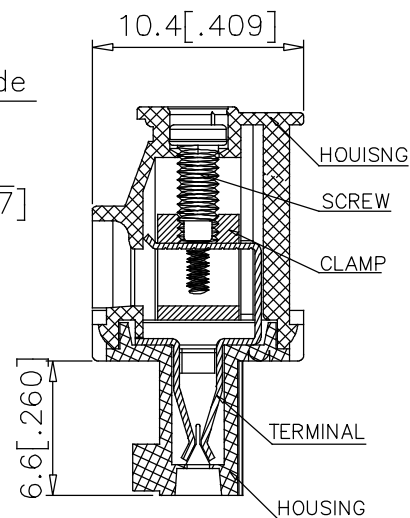
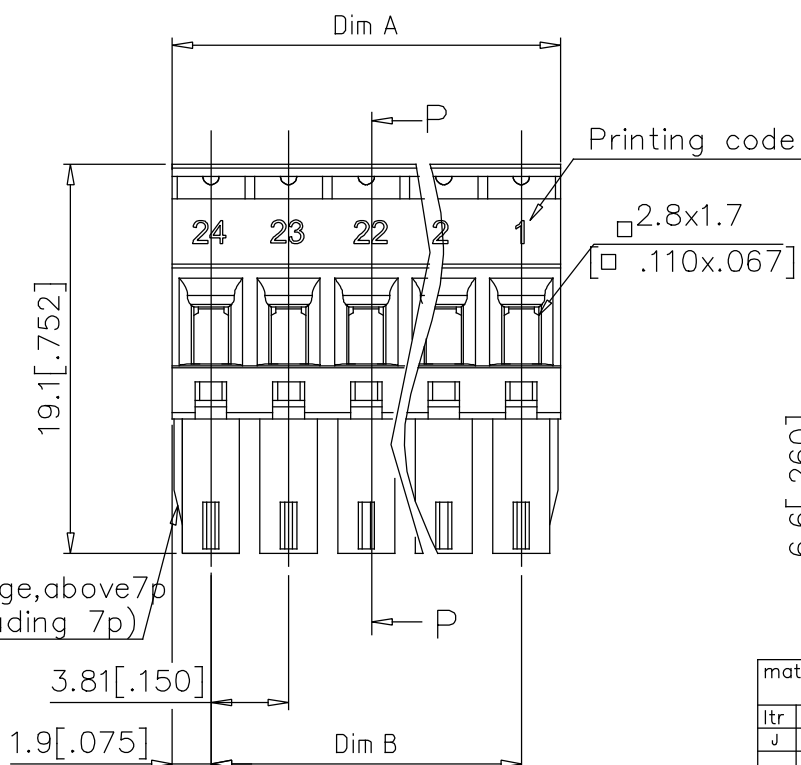
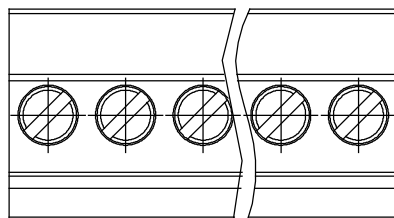


N= NUMBER OF POLES
DIMENSION

Dim A	$N \times 3.5[.138]$
Bim B	$(N-1) \times 3.5[.138]$

Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.20[.008]$
13P-18P	$\pm 0.25[.010]$
19P-24P	$\pm 0.30[.012]$

1

1 2

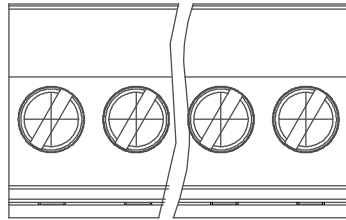
SECTION P-P

Dim A	$N \times 3.81 [0.150]$
Bim B	$(N-1) \times 3.81 [0.150]$

Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.20[.008]$
13P-18P	$\pm 0.25[.010]$
19P-24P	$\pm 0.30[.012]$

[illegible]

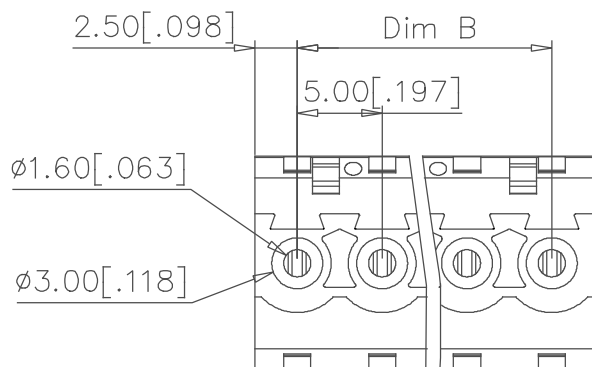
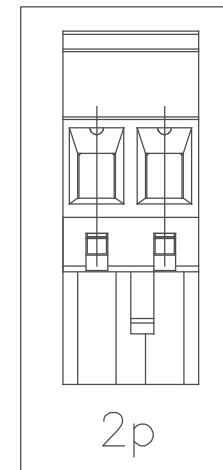
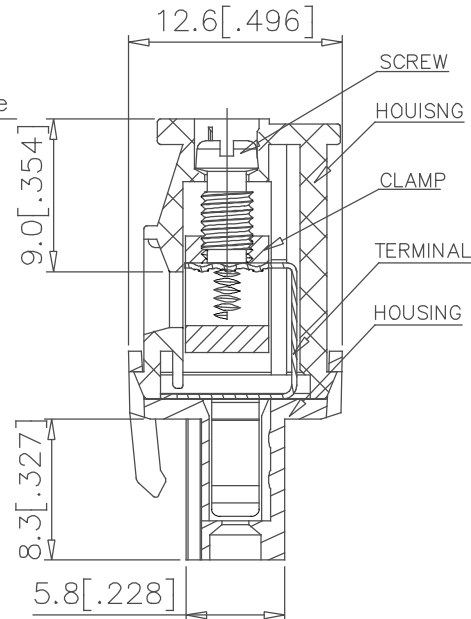
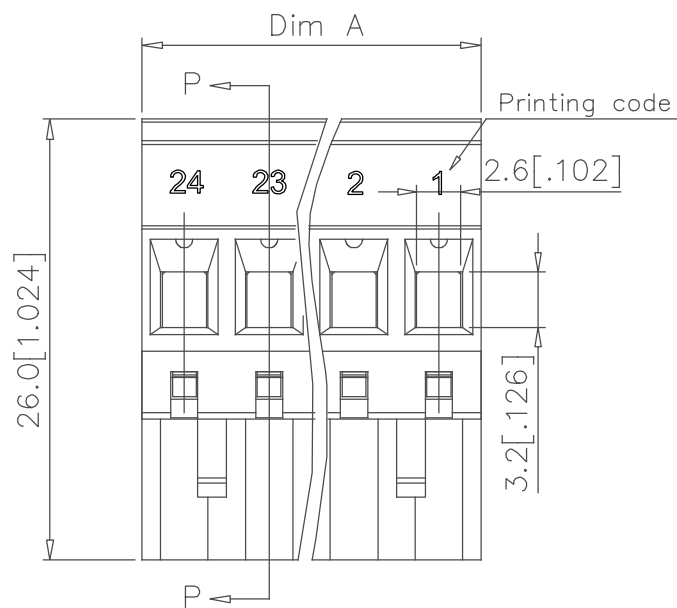
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

Dim A	$N \times 5.0[.197]$
Dim B	$(N-1) \times 5.0[.197]$

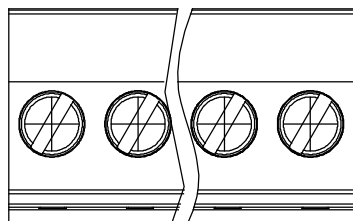
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



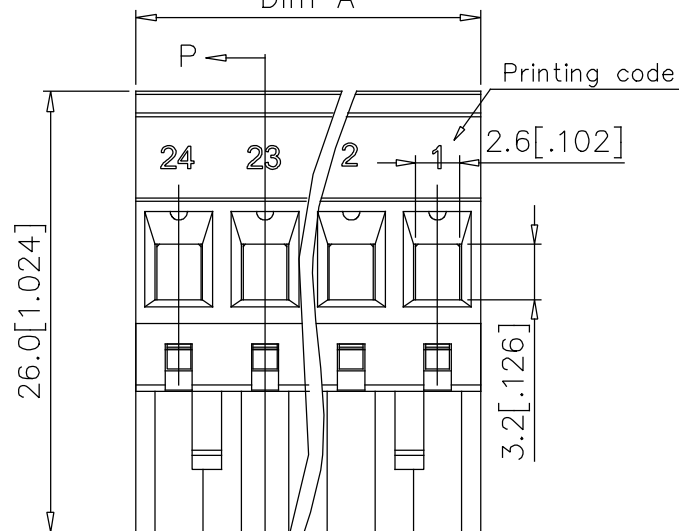
SECTION P-P

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK
				dwg no 20020008
				sheet 4 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-HXXXXXXLF	02-508	5.08 mm



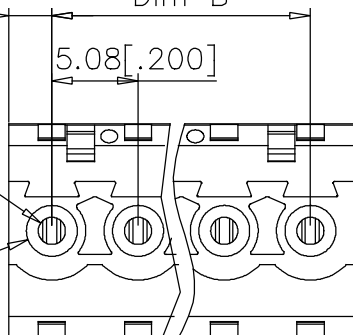
Dim A



2.54 [0.100] Dim B

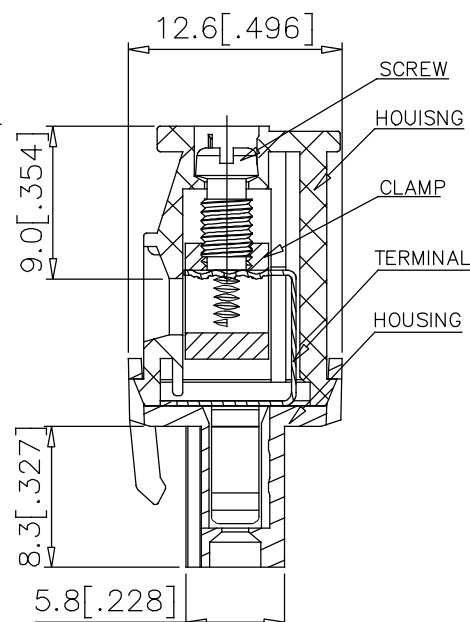
Ø1.60 [0.063]

Ø3.00 [0.118]

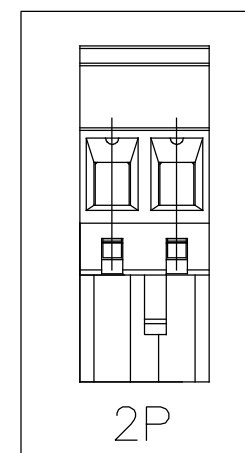
N= NUMBER OF POLES
DIMENSION

Dim A	Nx5.08 [.200]
Dim B	(N-1)x5.08 [.200]

Poles	Tolerance
2P-6P	±0.15 [.006]
7P-12P	±0.25 [.010]
13P-18P	±0.30 [.012]
19P-24P	±0.40 [.016]



SECTION P-P



mat'l. code		surface	tolerance	projection	product family
		ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	title	
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK	
		angles	tolerances unless otherwise specified	scale	dwg no
		X.X	±0.5 [.020]	MM	sheet 5 of 5 size
		X.X	±0.3 [.012]	INCH	20020008
		X'±1'	X.XX ±0.1 [.004]		A4
		dr	BEER FU	062509	type
		enr	BEER FU	062509	CUSTOMER Drawing
		chr	GARY HSIEH	062509	
		appd	JOSEPH HSIA	062509	
sheet	revision				
index	sheet				