



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.

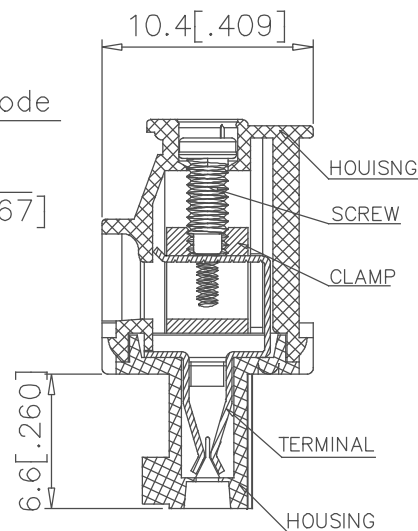
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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	tolerance	projection	product family
				ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
D	T10-0042	WL	030310	angles	X.±0.5[.020]	MM [INCH]	TERMINAL BLOCK Pluggable plug, hook entry side
E	T10-0082	WL	080510				
F	T10-0172	WL	102010				
G	T11-0013	WL	040811	dr	BEER FU	062509	dwg no 20020008 sheet 1 of 5 size A4
H	T-004746	WL	072011	enrg	BEER FU	062509	
J	T-012872	LS	091912	chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	
sheet index	revision	J	J	J	J	J	type
	sheet	1	2	3	4	5	CUSTOMER Drawing

The drawing shows a mechanical part with a central horizontal section. A break line, represented by a wavy line, is used to indicate that the part is longer than shown. The part has a central hole and two smaller holes on either side. The drawing is a technical sketch, likely for a patent application, showing the part in a perspective view.



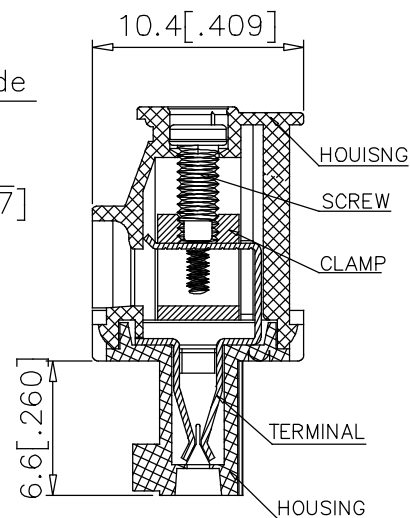
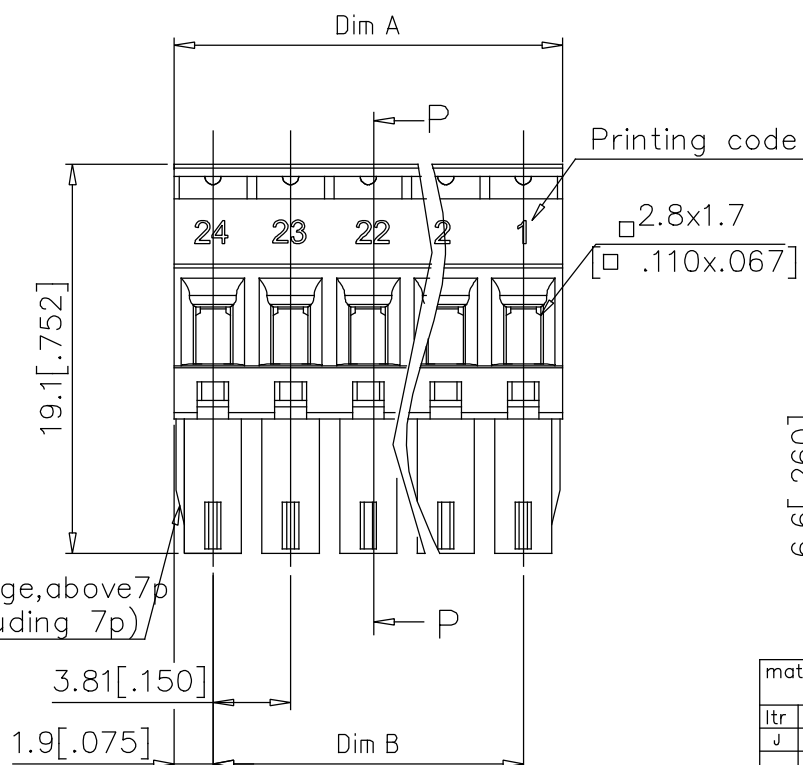
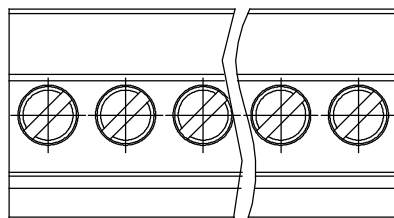
N= NUMBER OF POLES
DIMENSION

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	$\pm 0.30[.012]$

form: A4mmXLc

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-DXXXXXXLF	02-381	3.81 mm



SECTION P-P

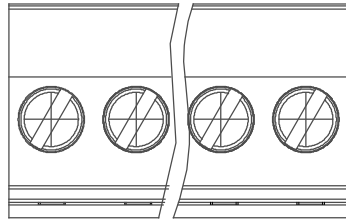
N= NUMBER OF POLES
DIMENSION

Dim A	$N \times 3.81[.150]$
Dim B	$(N-1) \times 3.81[.150]$

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

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
J				angles	$X. \pm 0.5[.020]$	$X.X \pm 0.3[.012]$	TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK
				$X' \pm 1'$	$X.XX \pm 0.1[.004]$	scale MM [INCH]	dwg no 20020008
		dr	BEER FU	062509			sheet 3 of 5 size A4
		enr	BEER FU	062509			
		chr	GARY HSIEH	062509			
		appd	JOSEPH HSIA	062509			type CUSTOMER Drawing
sheet index	revision sheet						

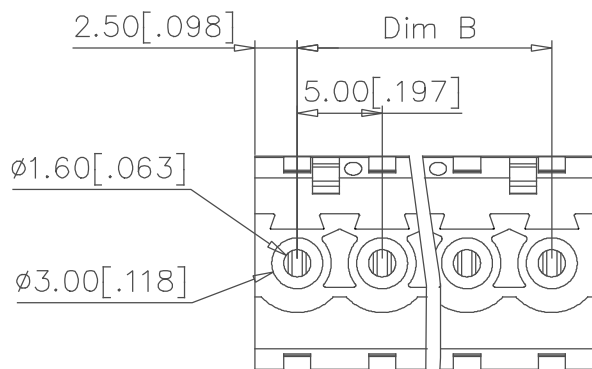
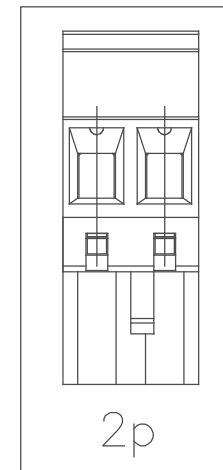
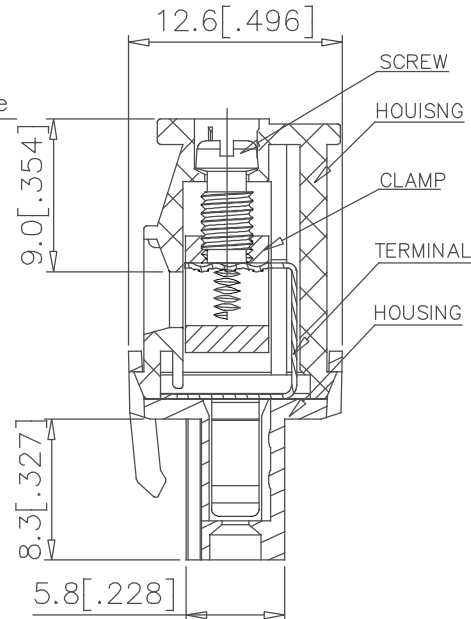
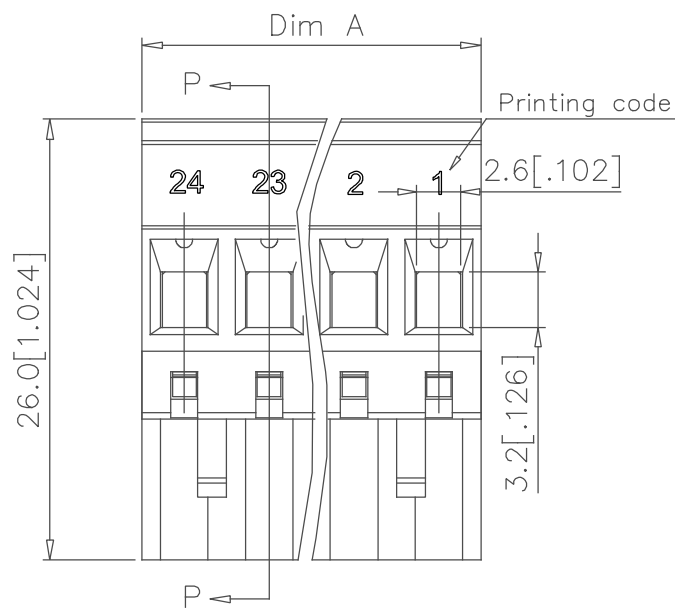
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

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

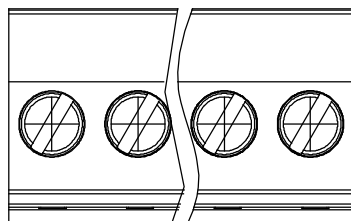
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



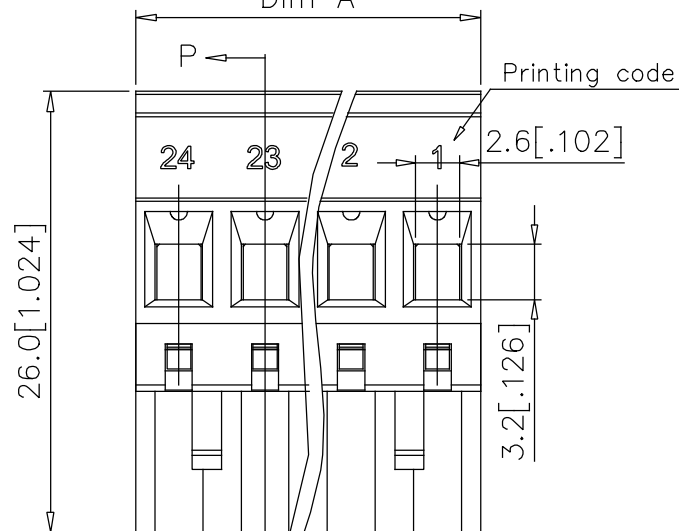
SECTION P-P

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

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



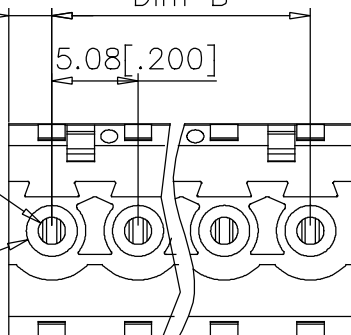
Dim A



2.54 [.100] Dim B

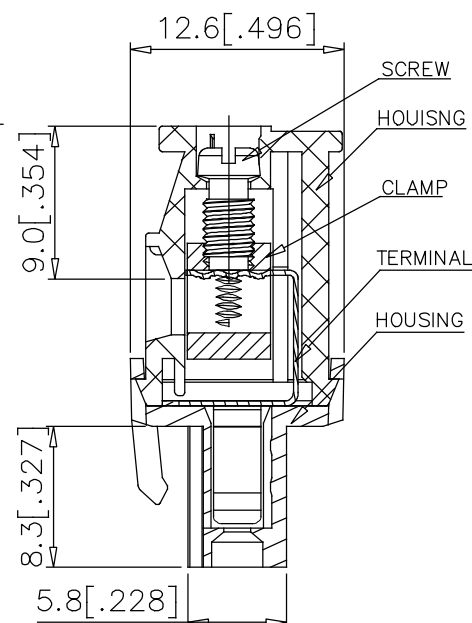
Ø1.60 [.063]

Ø3.00 [.118]

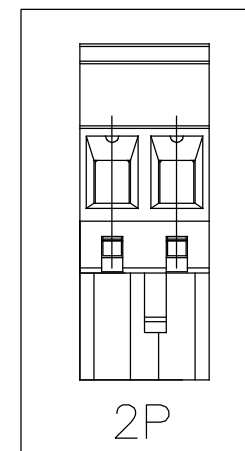
N= NUMBER OF POLES
DIMENSION

Dim A	Nx5.08 [.200]
Bim 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 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
				sheet 5 of 5 size
				20020008 A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			