



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.

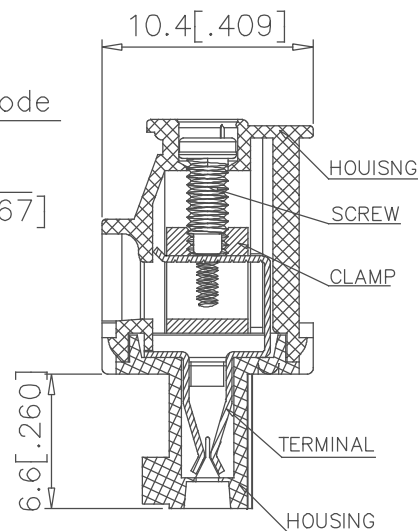
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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]		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
H	T-004746	WL	072011	enr	BEER FU	062509	
J	T-012872	LS	091912	chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	
sheet	revision	J	J	J	J	J	type
index	sheet	1	2	3	4	5	CUSTOMER Drawing

The drawing shows a mechanical part with a central break line. On the left, there are two circular features, each with a crosshair. On the right, there are four circular features, each with a crosshair. The break line is a wavy line that separates the two sections of the part.



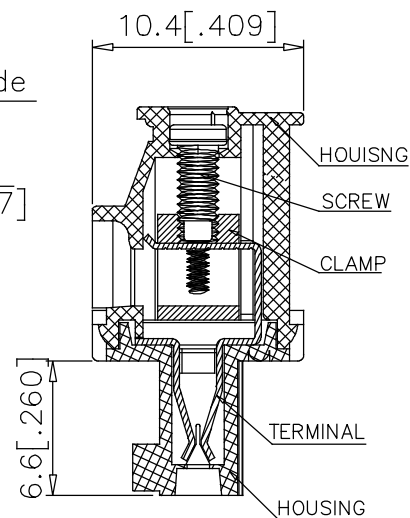
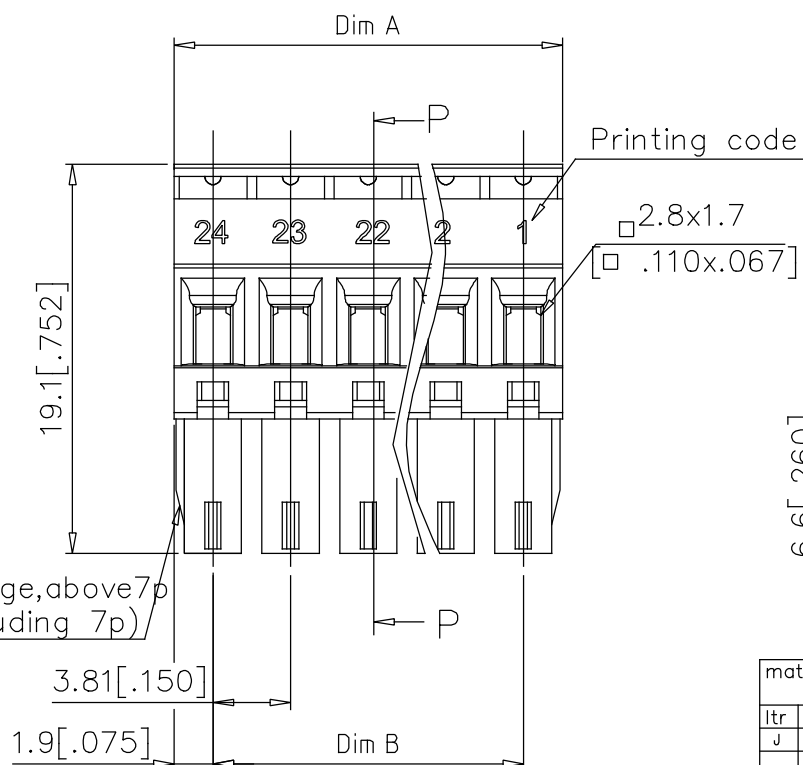
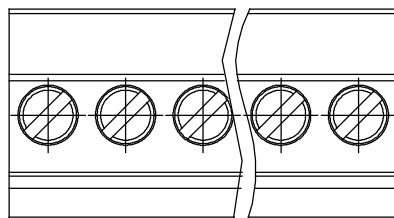
N= NUMBER OF POLES
DIMENSION

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

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



SECTION P-P

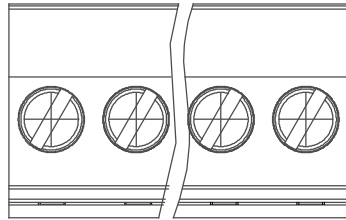
N= NUMBER OF POLES
DIMENSION

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

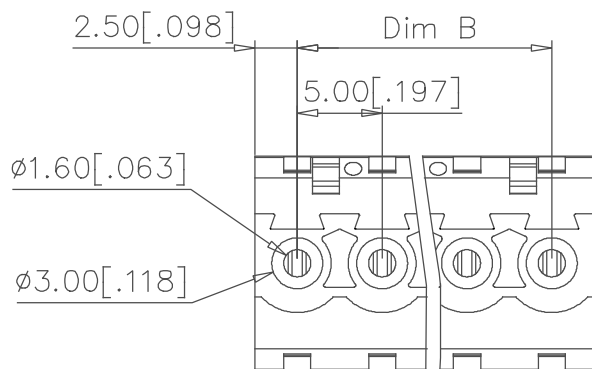
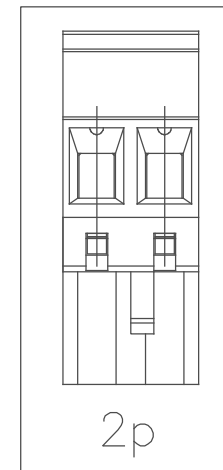
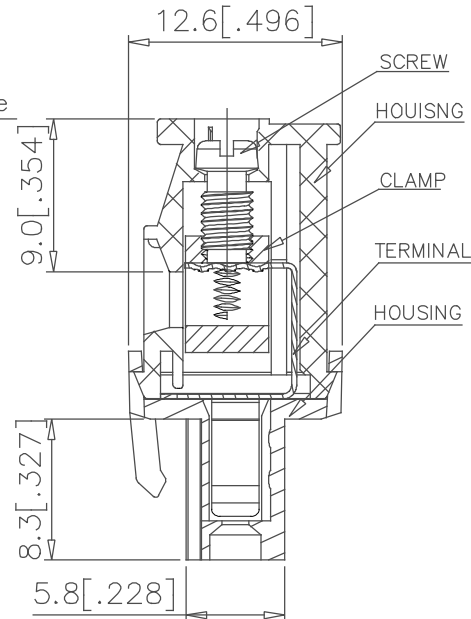
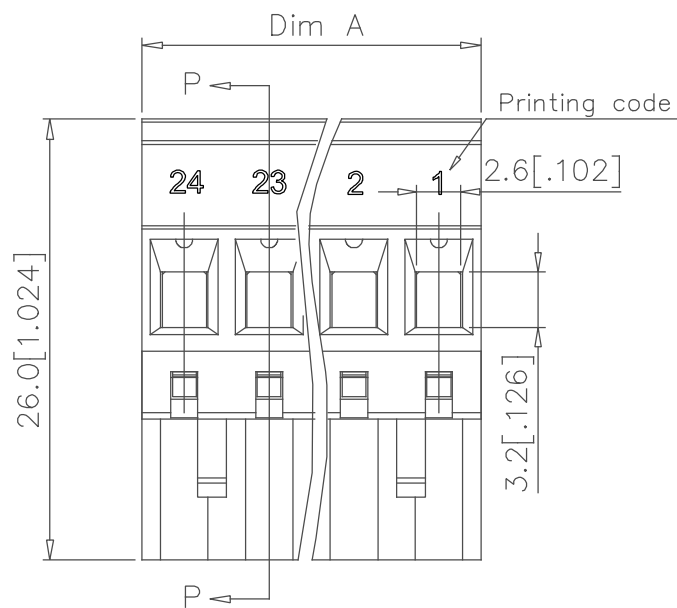
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

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

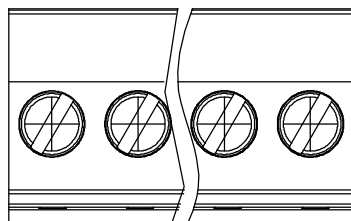
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



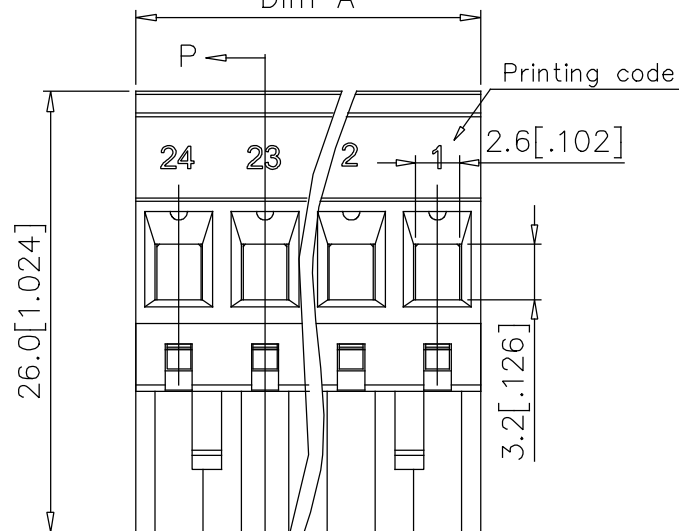
SECTION P-P

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, ENTRYSIDE 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



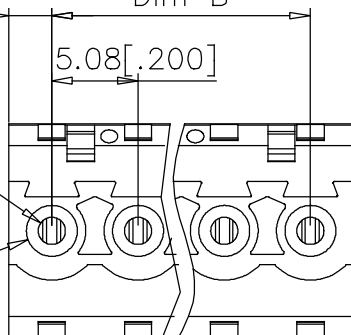
Dim A



2.54[.100] Dim B

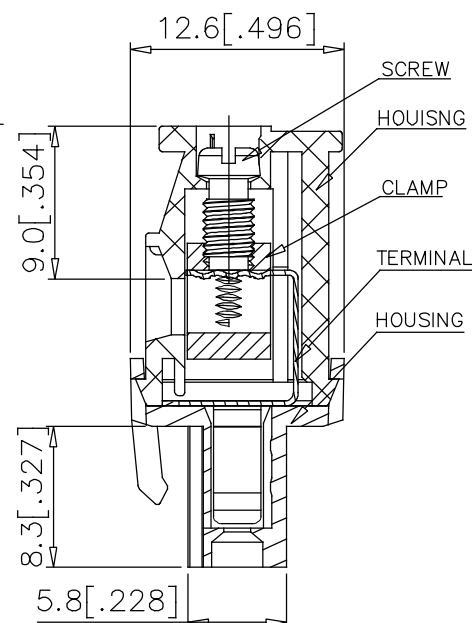
ø1.60[.063]

ø3.00[.118]

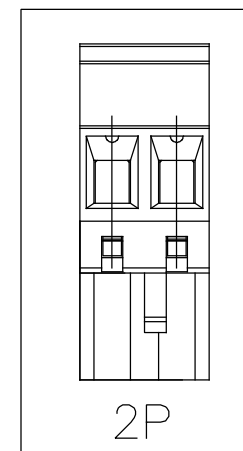
N= NUMBER OF POLES
DIMENSION

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	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
					dwg no
					sheet 5 of 5
					size
					A4
					type
					CUSTOMER Drawing
sheet	revision				
index	sheet				