



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	12	
	VDE	10	10	NA	NA	
APPLICABLE WIRE RANGE (AWG)	1-WIRE	16~28	16~28	12~24	12~24	
	2-WIRE	20	20	18	18	
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.5	1.5	2.5	2.5
		2-WIRE	0.5	0.5	1.0	1.0
	STRANDED	1-WIRE	1.5	1.5	2.5	2.5
		2-WIRE	0.75	0.75	1.5	1.5
OPENING CONTACT HOUSING(mm ²)		2.8x1.7	2.8x1.7	2.6x3.2	2.6x3.2	
WIRE STRIP LENGTH(mm)		6~7	6~7	6~7	6~7	
TORQUE +/-10% (N-m/Lb-in)		0.19/1.7	0.19/1.7	0.4/3.5	0.4/3.5	
SCREW		M2x0.4	M2x0.4	M3x0.5	M3x0.5	
WITHSTANDING VOLTAGE (kV)	cULus	1.6	1.6	1.6	1.6	
	VDE	2.5	2.5	NA	NA	
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	-40~+115	
POLES AVAILABLE		02~24	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.

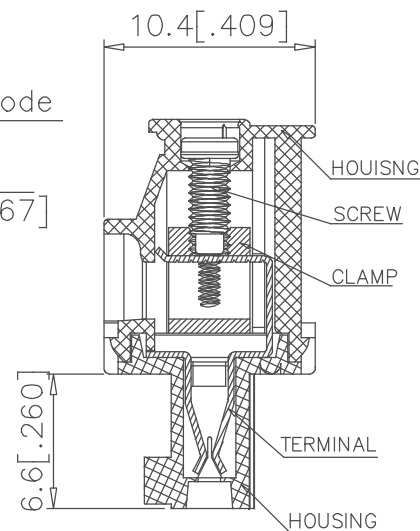
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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							
ltr ecn no dr date				tolerances unless otherwise specified						title							
D T10-0042 WL 030310				angles line b		X.±0.5[.020]		MM [INCH]		TERMINAL BLOCK Pluggable plug, hook entry side							
E T10-0082 WL 080510						X.X±0.3[.012]											
F T10-0172 WL 102010						X'±1' X.XX±0.1[.004]											
G T11-0013 WL 040811				dr		BEER FU		062509		FCI		dwg no		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				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 break line. The part has a central horizontal section with a break line (a wavy line) indicating that the part is longer than shown. The break line is located in the middle of the part. The part has a central horizontal section with a break line (a wavy line) indicating that the part is longer than shown. The break line is located in the middle of the part. The part has a central horizontal section with a break line (a wavy line) indicating that the part is longer than shown. The break line is located in the middle of the part.



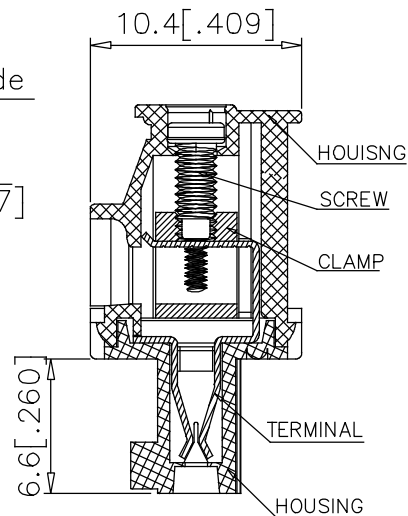
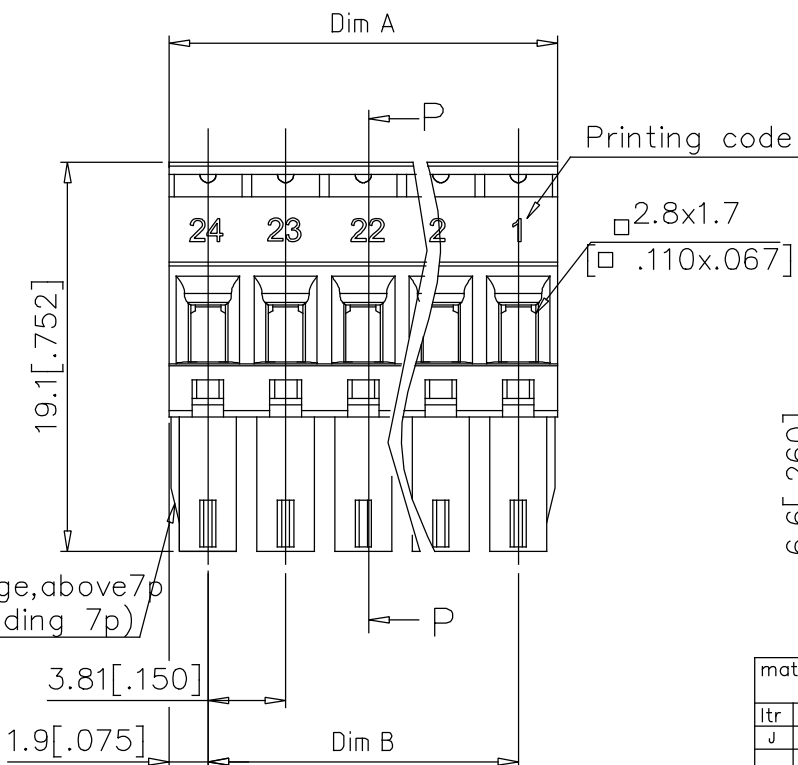
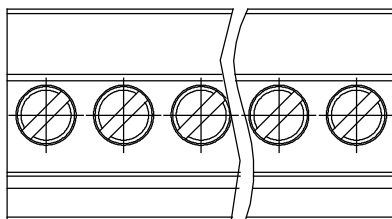
N= NUMBER OF POLES
DIMENSION

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

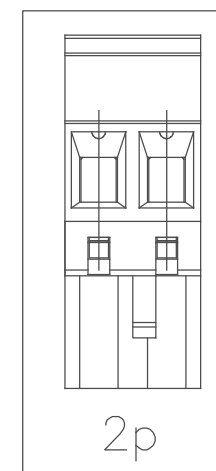
N= NUMBER OF POLES
DIMENSION

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

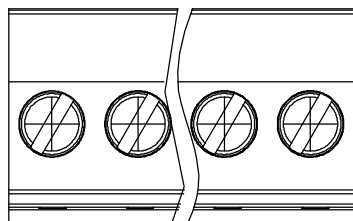
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.20[.008]$
13P-18P	$\pm 0.25[.010]$
19P-24P	$\pm 0.30[.012]$

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecr no	dr	date	title
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK
				scale
				dwg no
				sheet 3 of 5
				size
				A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			

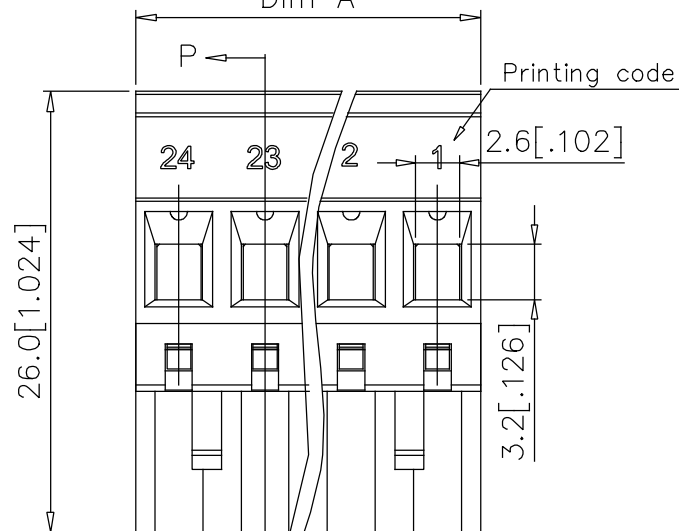
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$

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



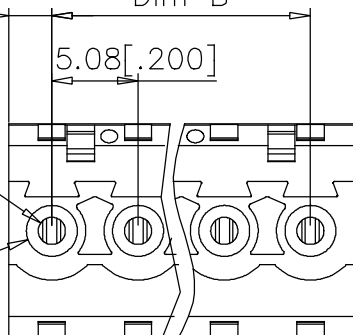
Dim A



2.54[.100] Dim B

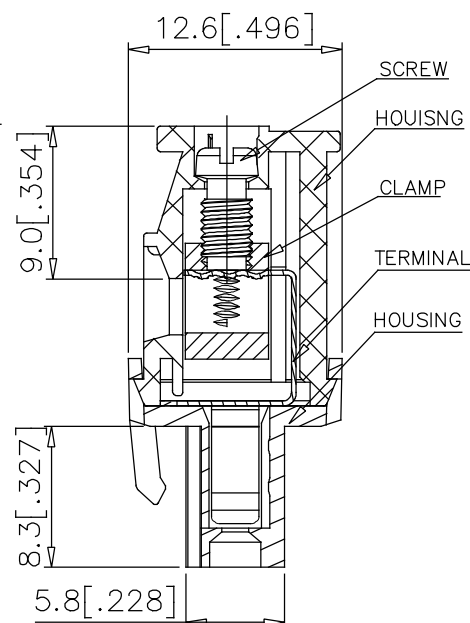
ø1.60[.063]

ø3.00[.118]

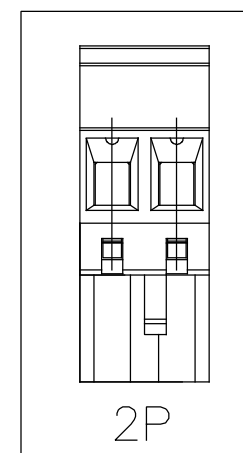
N= NUMBER OF POLES
DIMENSION

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	
		angles	tolerances unless otherwise specified	scale	dwg no
		X.X	±0.5[.020]	MM	sheet 5 of 5
		X.X	±0.3[.012]	INCH	size
		X'±1'	X.XX ±0.1[.004]		20020008
		dr	BEER FU	062509	A4
		enr	BEER FU	062509	
		chr	GARY HSIEH	062509	
		appd	JOSEPH HSIA	062509	
sheet	revision				type
index	sheet				CUSTOMER Drawing