

20020008—

POLES

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02: 2 POLES
03: 3 POLES
04: 4 POLES
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24: 24 POLES

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,-,

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						

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

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

NOTES:

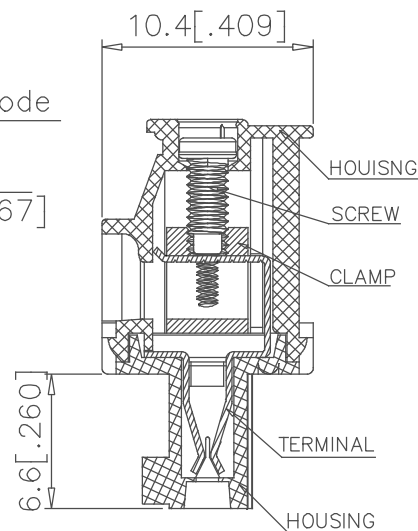
1. MATERIALS

- 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				
litr ecn no dr date				tolerances unless otherwise specified						title				
D T10-0042 WL 030310				angles		X.±0.5 [.020]		MM 		TERMINAL BLOCK				
E T10-0082 WL 080510				line		X.X±0.3 [.012]				Pluggable plug, hook entry side				
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								
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 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 jagged, wavy line that separates the two sections of the part.



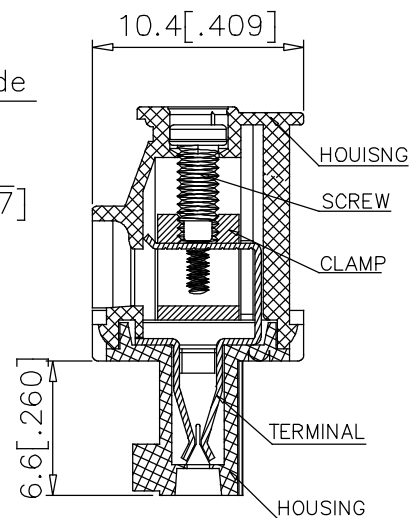
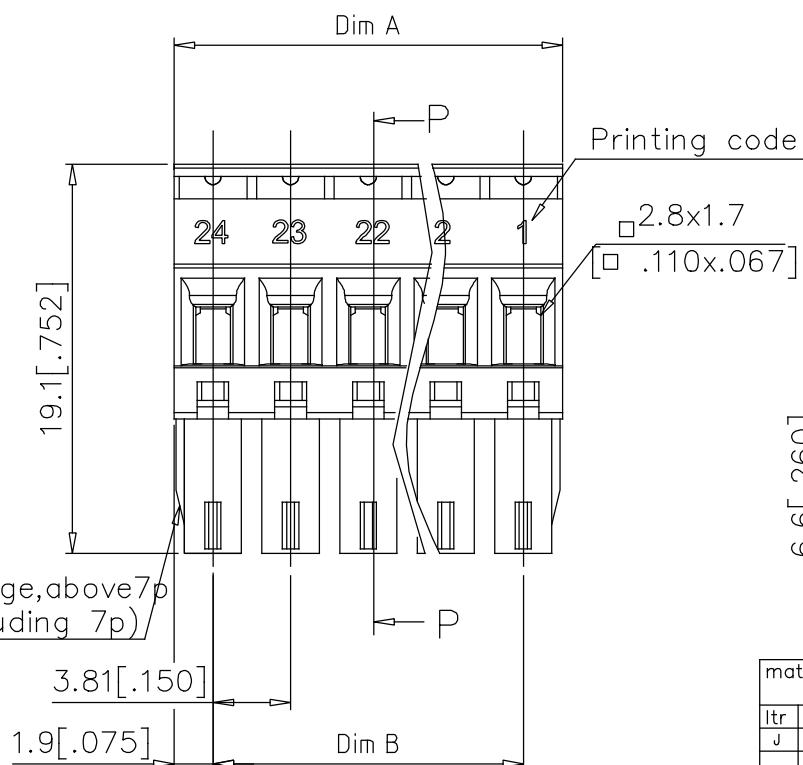
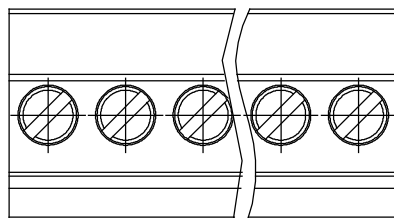
N= NUMBER OF POLES
DIMENSION

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	$\pm 0.30[.012]$

form: A4mmXLc

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



SECTION P-P

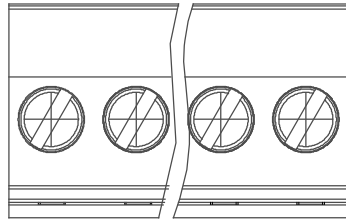
N= NUMBER OF POLES
DIMENSION

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	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		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

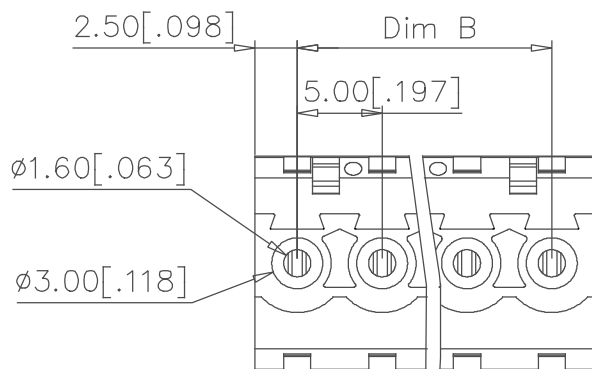
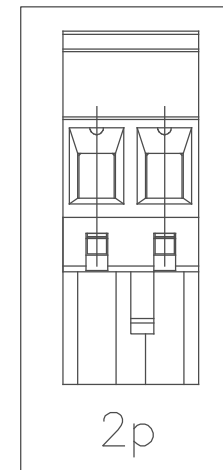
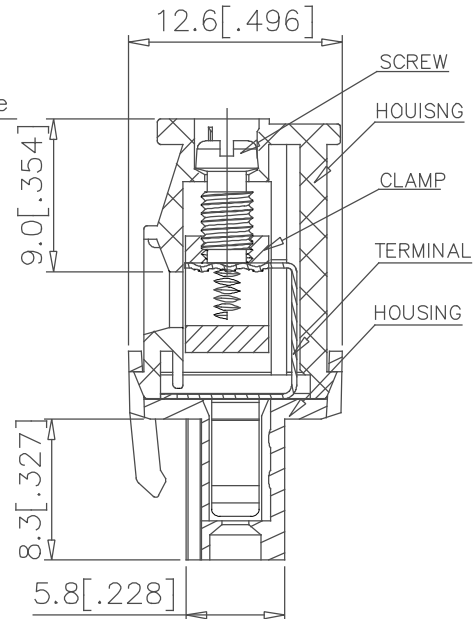
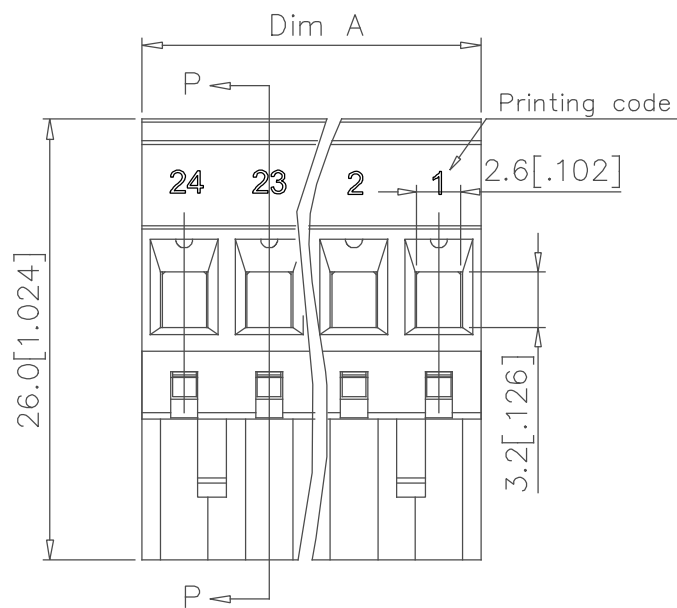
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

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

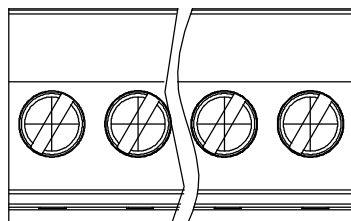
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



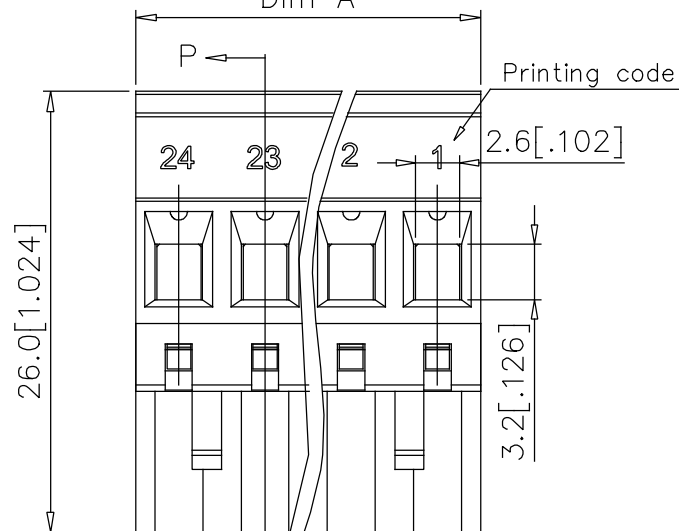
SECTION P-P

mat'l. code		surface	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	
				angles	scale
				$X \pm 0.5[.020]$	$\frac{MM}{INCH}$
				$X.X \pm 0.3[.012]$	
				$X' \pm 1'$	
				$X.XX \pm 0.1[.004]$	
		dr	BEER FU	062509	dwg no
		enr	BEER FU	062509	sheet 4 of 5
		chr	GARY HSEH	062509	size
		app	JOSEPH HSIA	062509	20020008
sheet	revision				A4
index	sheet				type
					CUSTOMER Drawing

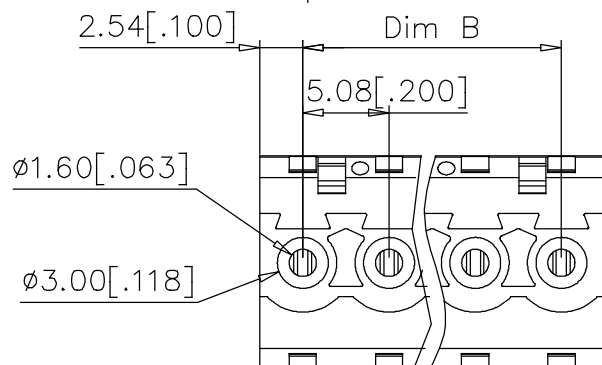
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-HXXXXXXLF	02-508	5.08 mm



Dim A

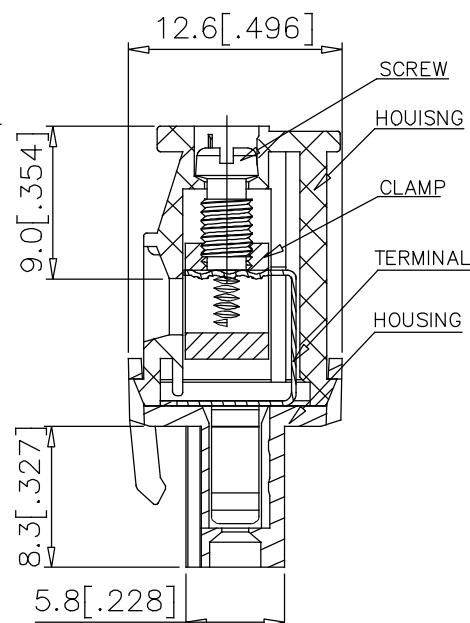


Dim B

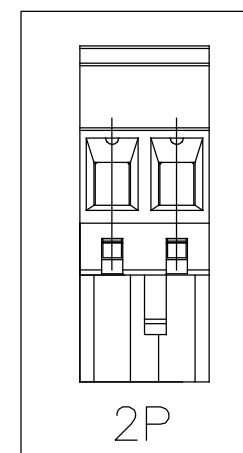
N= NUMBER OF POLES
DIMENSION

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 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 index	revision sheet				