

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-WIRE	0.5	0.5	1.0
	STRANDED	1-WIRE	1.5	1.5	2.5
		2-WIRE	0.75	0.75	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		TERMINAL BLOCK Pluggable plug, hook entry side dwg no 20020008 sheet 1 of 5 size A4 type CUSTOMER Drawing			
D	T10-0042	WL	030310	angles		X.±0.5 [.020]		MM					
E	T10-0082	WL	080510	line		X.X±0.3 [.012]		INCH					
F	T10-0172	WL	102010	X'±1'		X.XX±0.1 [.004]		scale					
G	T11-0013	WL	040811	dr	BEER FU	062509							
H	T-004746	WL	072011	enrg	BEER FU	062509							
J	T-012872	LS	091912	chr	GARY HSIEH	062509							
				apdd	JOSEPH HSIA	062509							
sheet index		revision sheet		J 1	J 2	J 3	J 4	J 5					

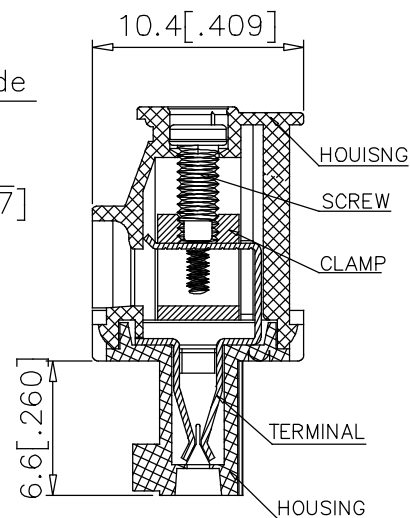
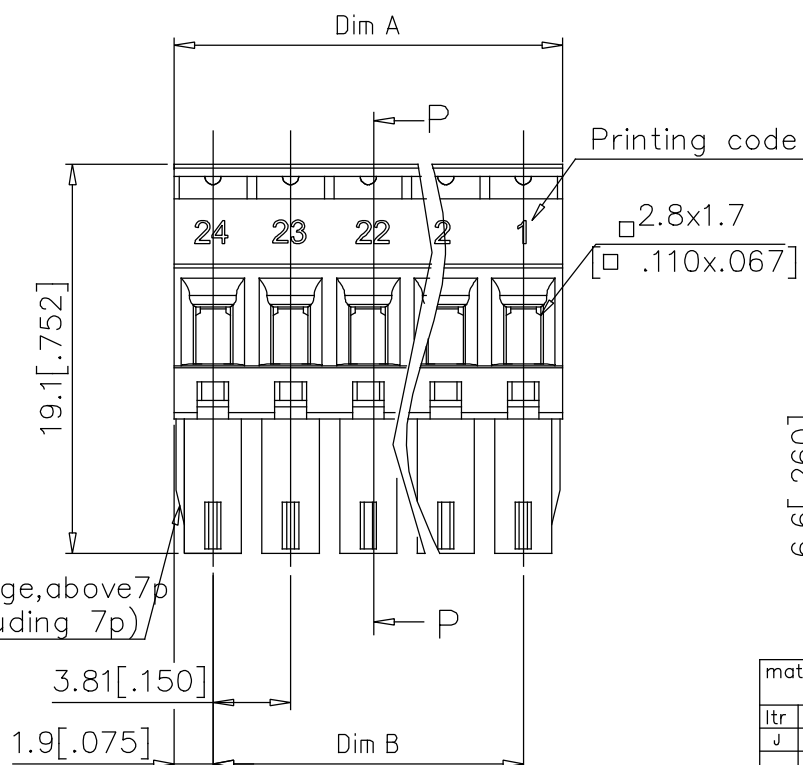
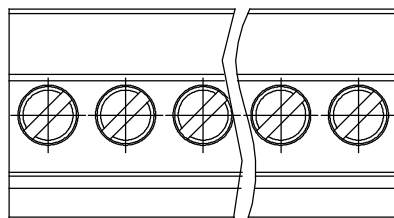
The drawing shows a mechanical part with a central break line. On the left side, there are two circular features, each with a crosshair. On the right side, there are three circular features, each with a crosshair. The break line is a wavy line that separates the two sections of the part.



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

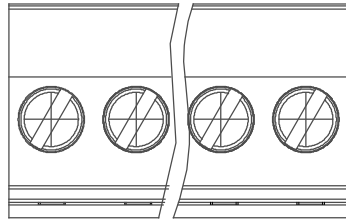
N= NUMBER OF POLES
DIMENSION

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

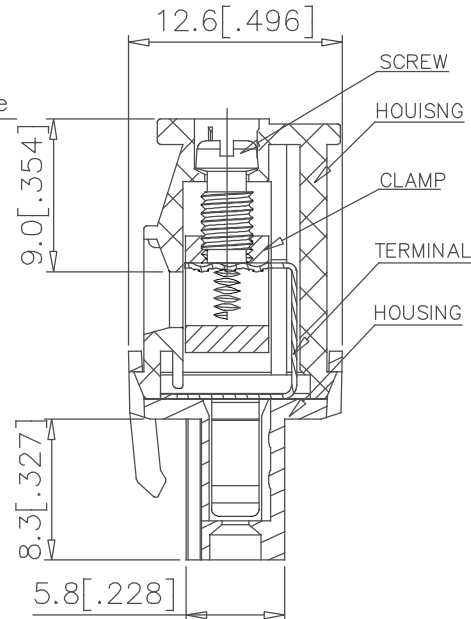
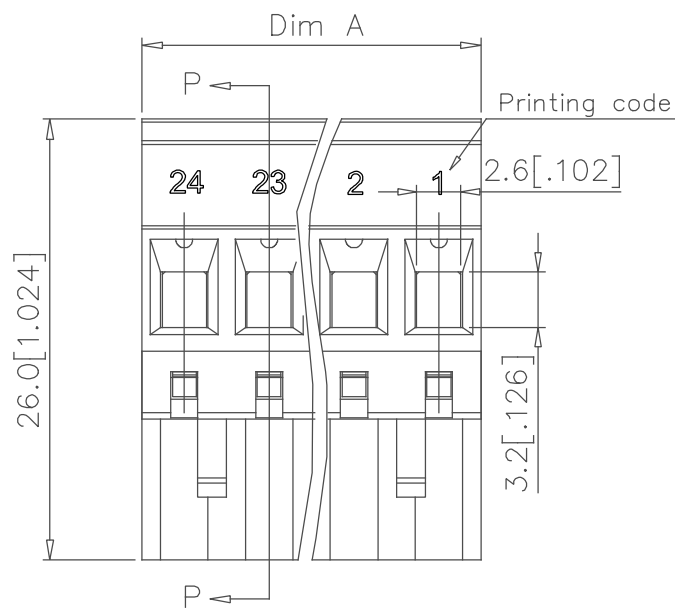
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



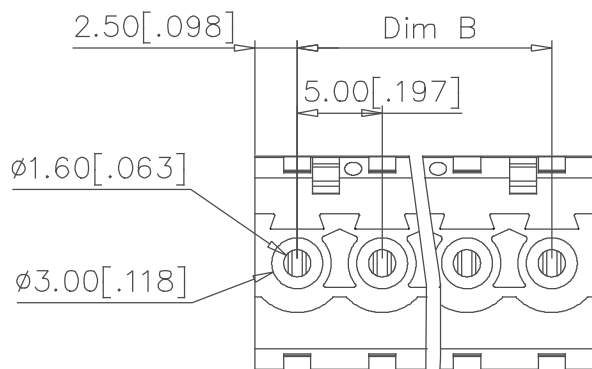
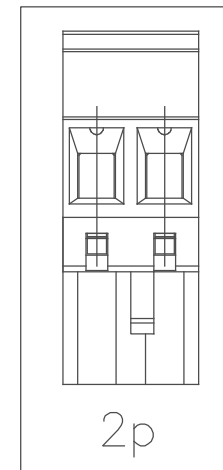
N= NUMBER OF POLES
DIMENSION

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	$\pm 0.40[.016]$

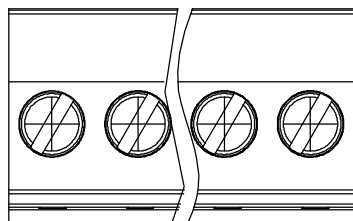


SECTION P-P

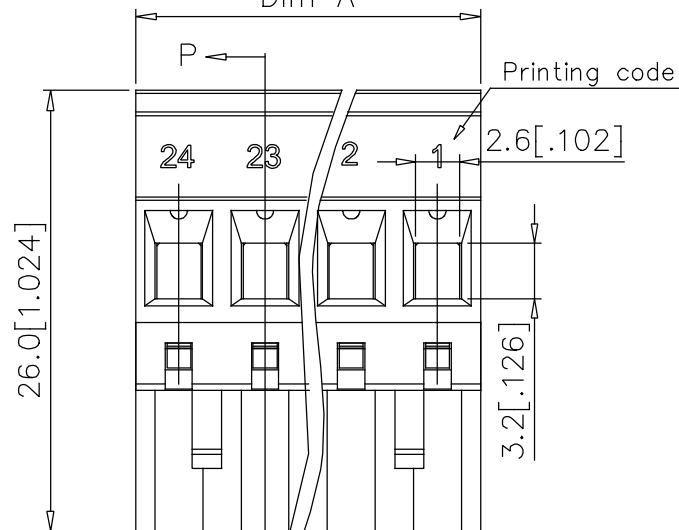


mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRYSIDE HOOK
				dwg no
				20020008
				type
				CUSTOMER Drawing
sheet index	revision sheet			

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



Dim A



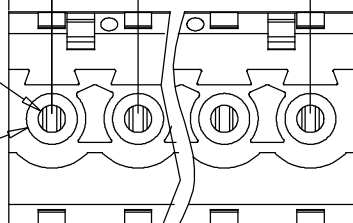
2.54[.100]

Dim B

5.08[.200]

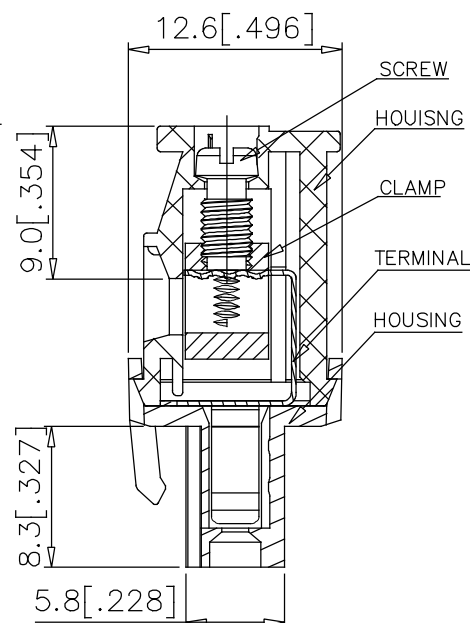
ø1.60[.063]

ø3.00[.118]

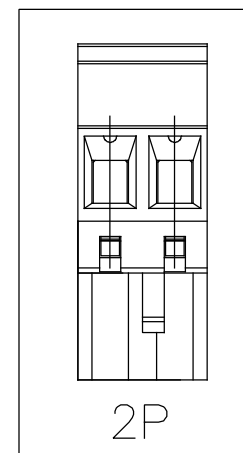
N= NUMBER OF POLES
DIMENSION

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



2P

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