



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	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
	VDE	2.5	2.5	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.

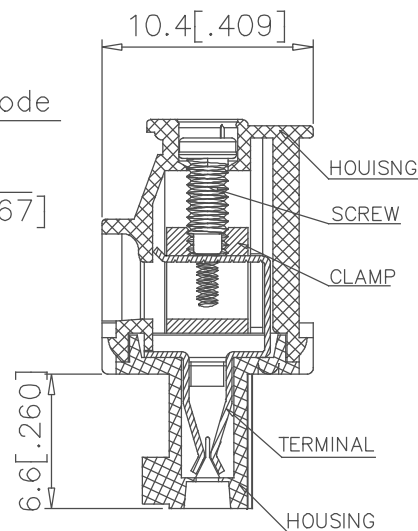
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

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 	X.±0.5[.020]		MM 		
E		T10-0082		WL		080510			X.X±0.3[.012]		TERMINAL BLOCK		
F		T10-0172		WL		102010			X'±1'		Pluggable plug, hook entry side		
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	
								appd		JOSEPH HSIA		062509	
sheet index		revision sheet		J		J		J		J		J	
				1		2		3		4		5	



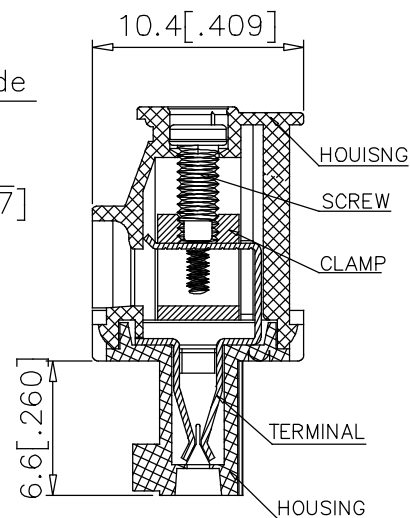
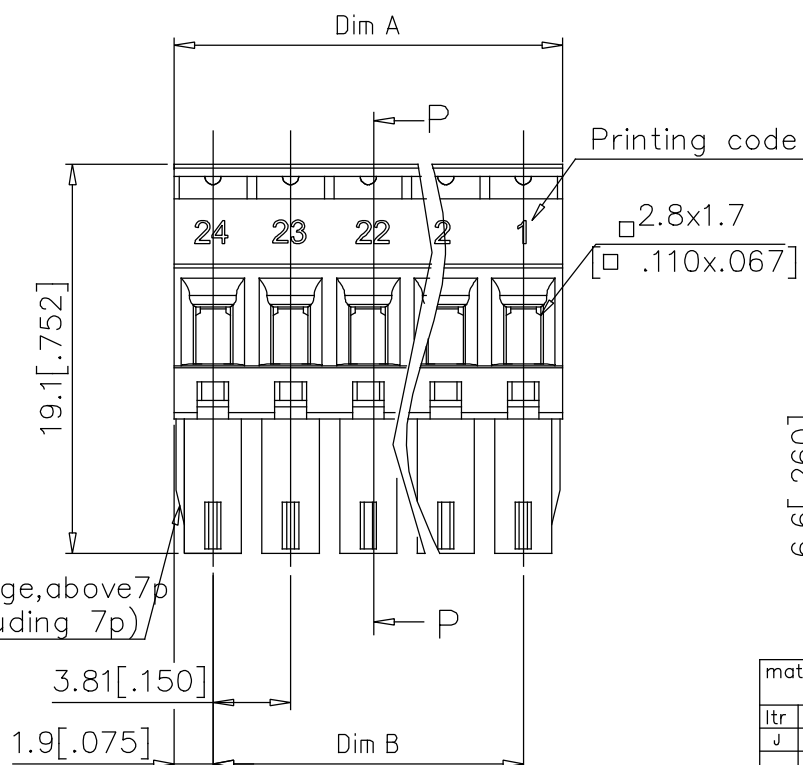
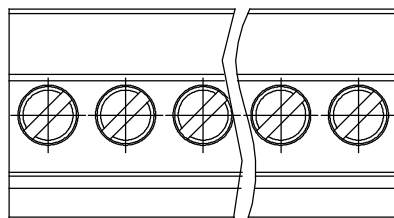
N= NUMBER OF POLES
DIMENSION

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

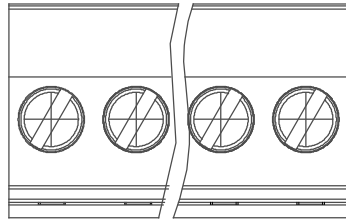
N= NUMBER OF POLES
DIMENSION

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	ecn no	dr	date	title
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK
				scale
				dwg no
				sheet 3 of 5
				size
				20020008
				A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			

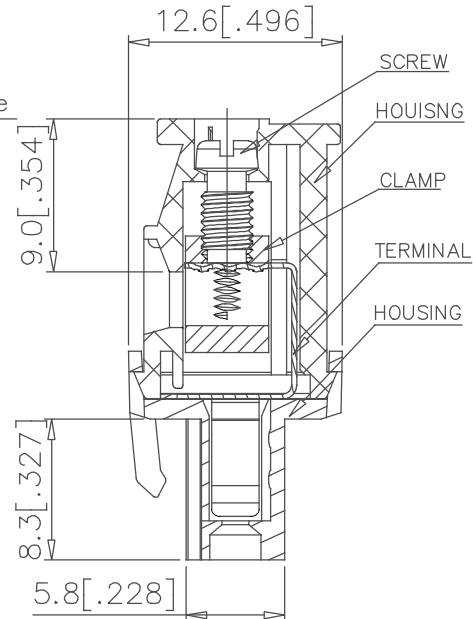
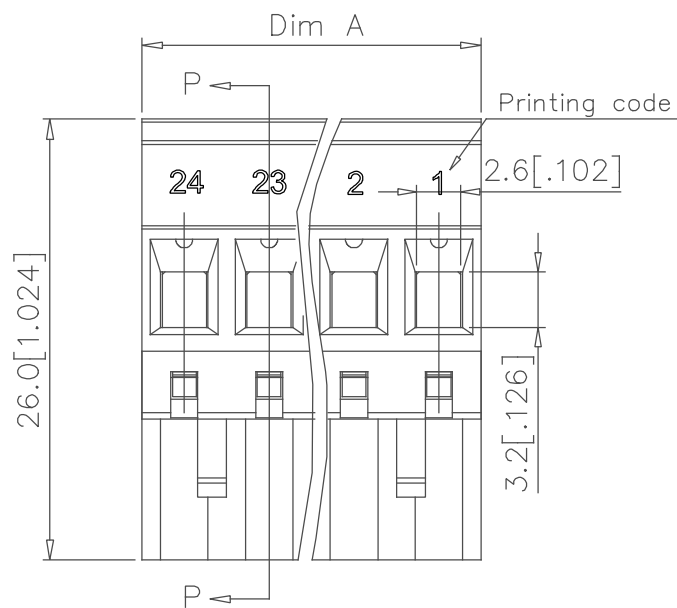
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



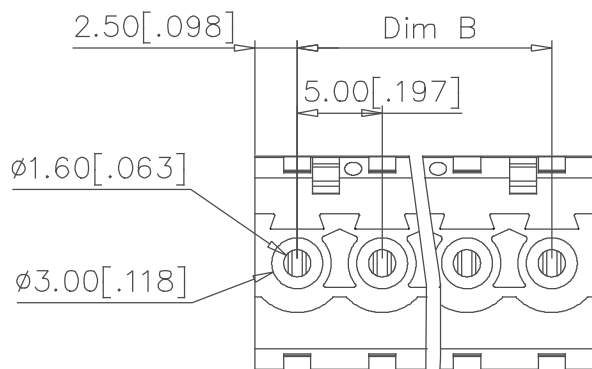
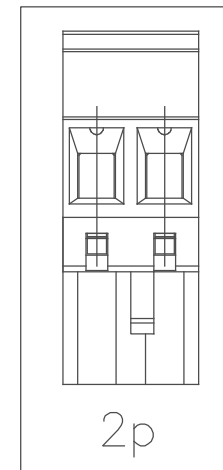
N= NUMBER OF POLES
DIMENSION

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	$\pm 0.40[.016]$

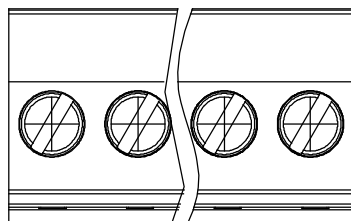


SECTION P-P

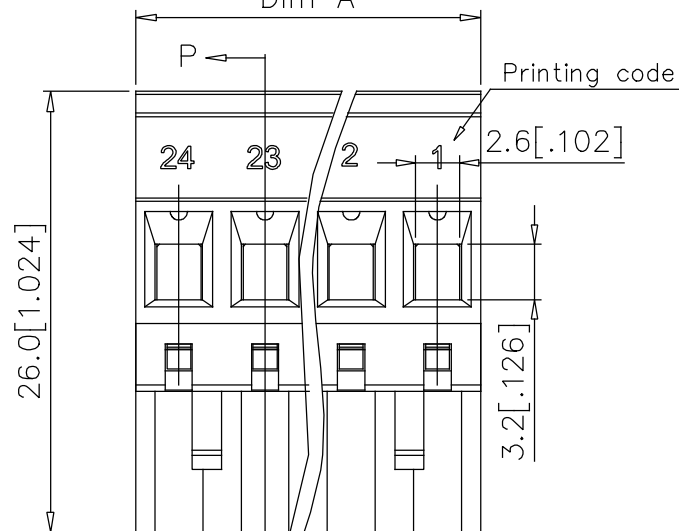


mat'l. code		surface	tolerance	projection	product family
		ASME Y14.5	ASME Y14.5		TERMINAL BLOCK
ltr	ecn no	dr	date	title	
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK	
		angles	tolerances unless otherwise specified	scale	dwg no
			X. $\pm 0.5[.020]$	MM	sheet 4 of 5
			X.X $\pm 0.3[.012]$	INCH	size
			X' $\pm 1'$		20020008
		dr	BEER FU 062509	A4	
		enr	BEER FU 062509	type	
		chr	GARY HSIEH 062509	CUSTOMER Drawing	
		appd	JOSEPH HSIA 062509		
sheet index	revision sheet				

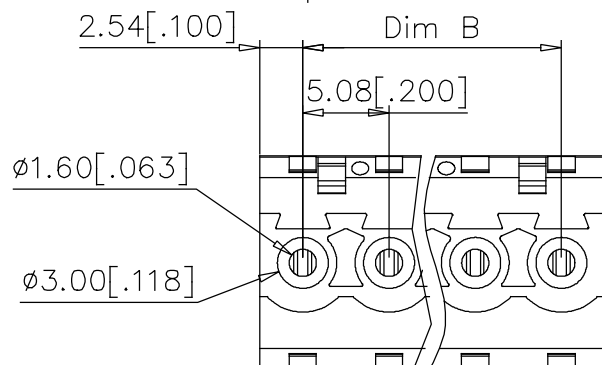
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-HXXXXXXLF	02-508	5.08 mm



Dim A

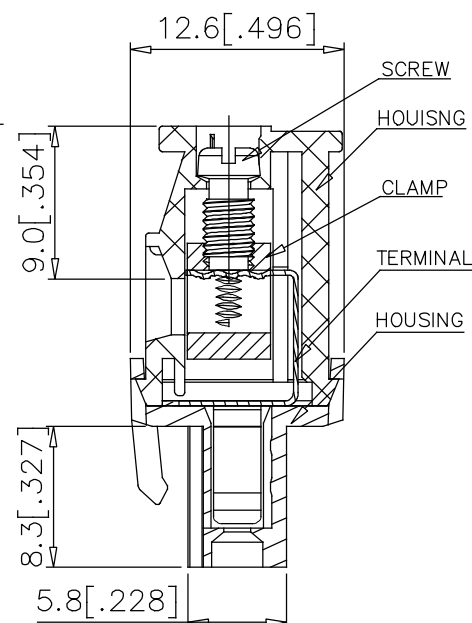


Dim B

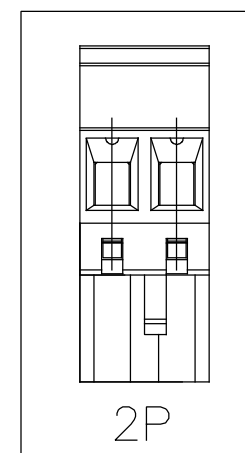
N= NUMBER OF POLES
DIMENSION

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	
				scale	dwg no
					20020008
					sheet 5 of 5
					size A4
					type CUSTOMER Drawing
sheet index	revision sheet				