



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.

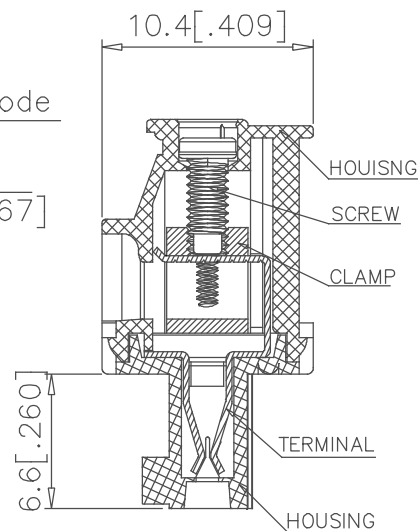
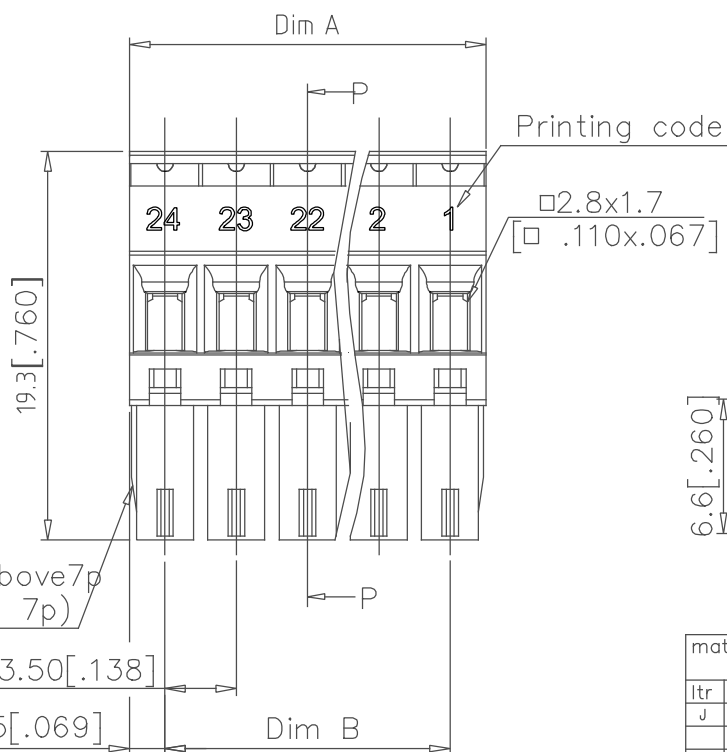
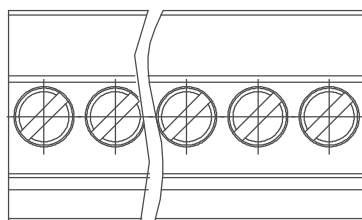
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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 ASME Y14.5		tolerance ASME Y14.5				product family TERMINAL BLOCK					
				tolerances unless otherwise specified						title					
D	ecn no		dr	date		angles line	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]					scale	
G	T11-0013		WL	040811											
H	T-004746		WL	072011		dr	BEER FU		062509		FCI dwg no 20020008 sheet 1 of 5 size A4				
J	T-012872		LS	091912		enrg	BEER FU		062509						
						chr	GARY HSIEH		062509						
						appd	JOSEPH HSIA		062509						
sheet index		revision sheet		J	J	J	J	J	type CUSTOMER Drawing						
		1 2				3	4	5							

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-CXXXXXXLF	02-350	3.50 mm



SECTION P-P

N= NUMBER OF POLES
DIMENSION

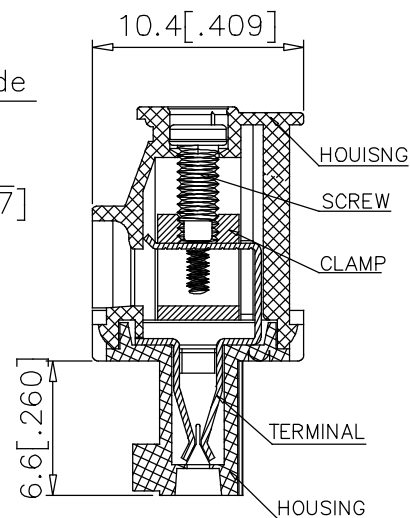
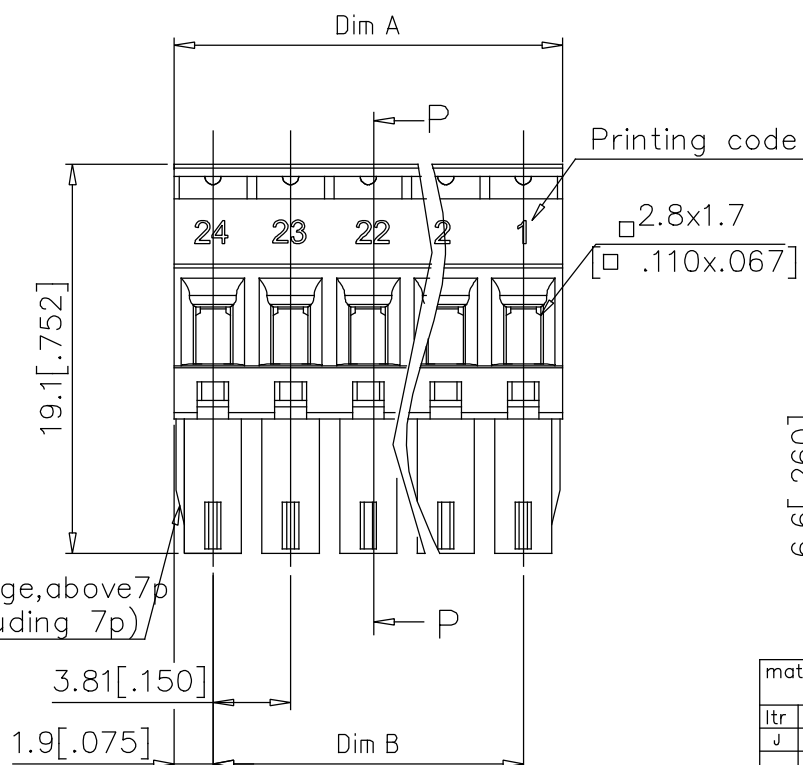
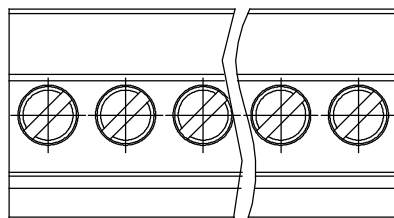
Dim A	N*3.5[.138]
Dim B	(N-1)*3.5[.138]

Poles	Tolerance
2P-6P	±0.15[.006]
7P-12P	±0.20[.008]
13P-18P	±0.25[.010]
19P-24P	±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 2 of 5
				size
				A4
				type
				CUSTOMER Drawing
sheet index	revision sheet			



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



SECTION P-P

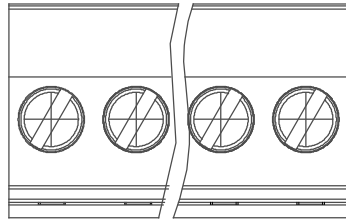
N= NUMBER OF POLES
DIMENSION

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

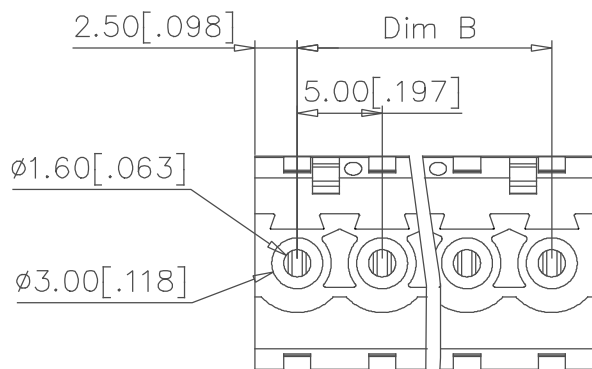
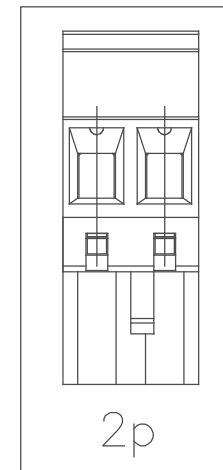
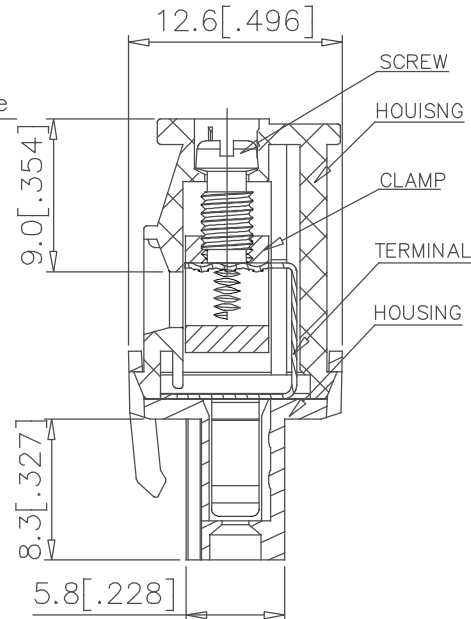
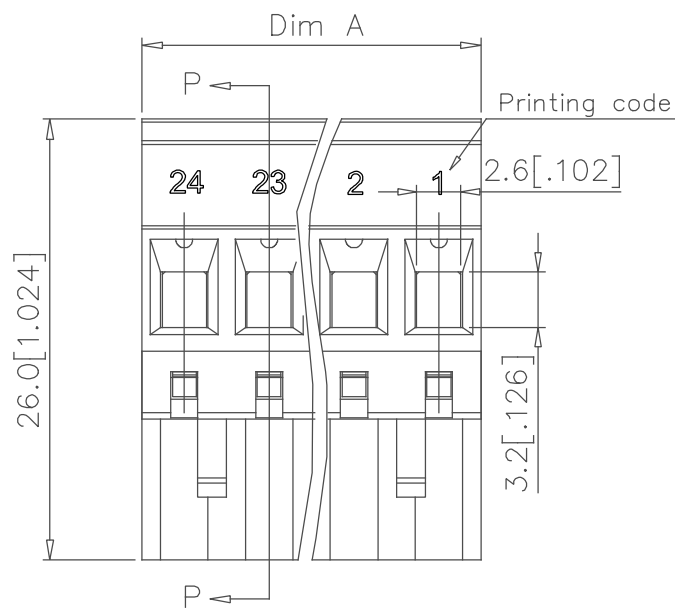
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

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

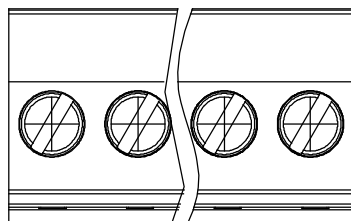
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



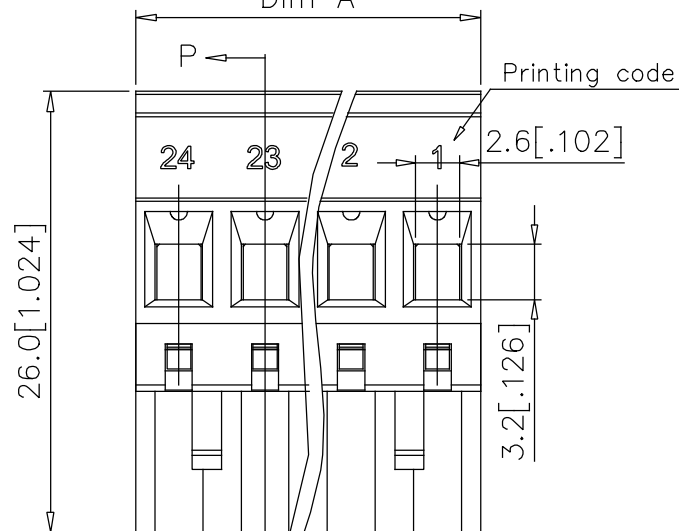
SECTION P-P

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRYSIDE HOOK
J				dwg no 20020008
				sheet 4 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			

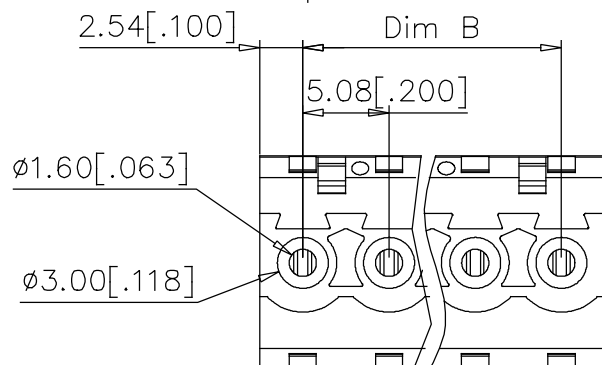
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-HXXXXXXLF	02-508	5.08 mm



Dim A

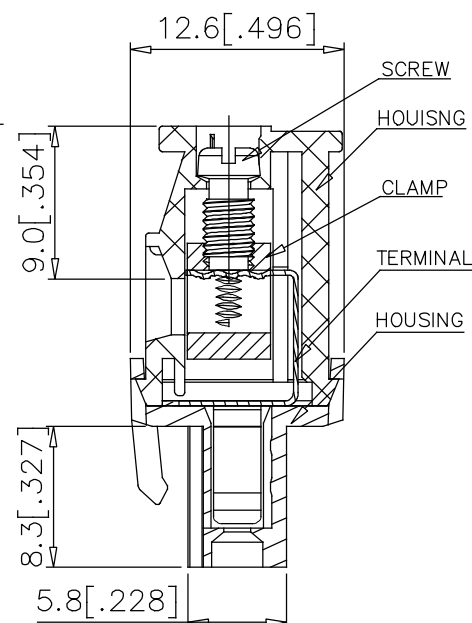


Dim B

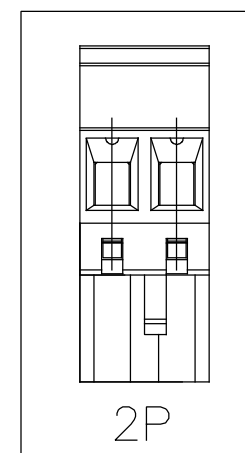
N= NUMBER OF POLES
DIMENSION

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
		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