



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.

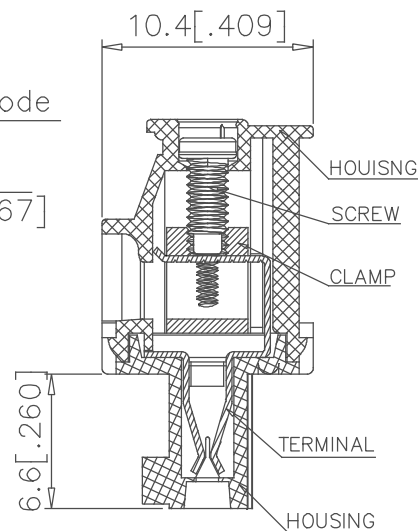
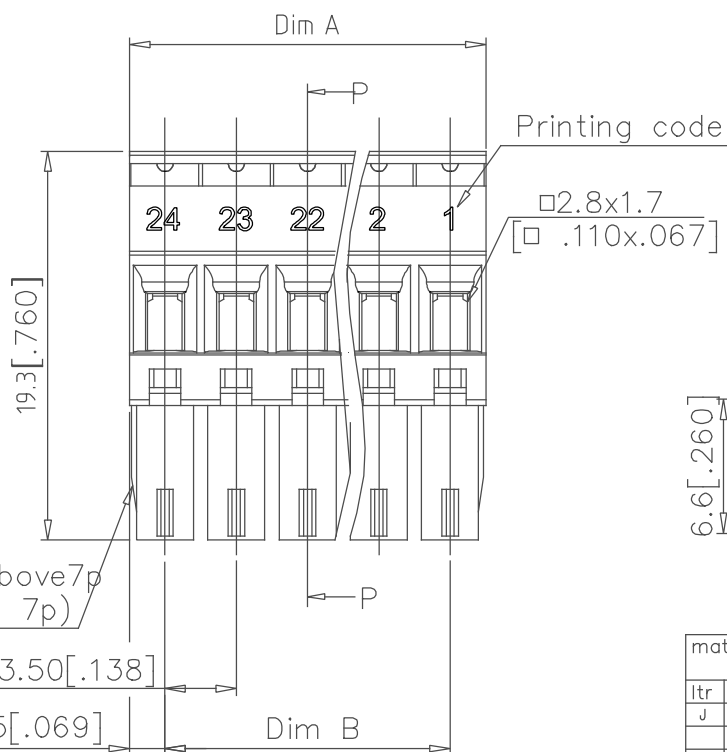
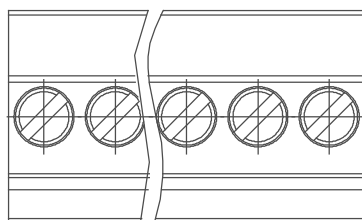
3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

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		projection 		product family TERMINAL BLOCK										
itr 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		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												

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



SECTION P-P

N= NUMBER OF POLES
DIMENSION

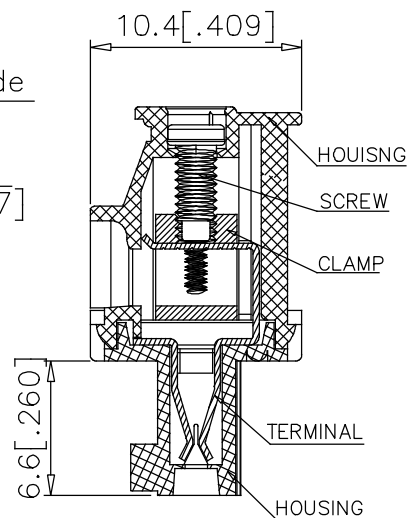
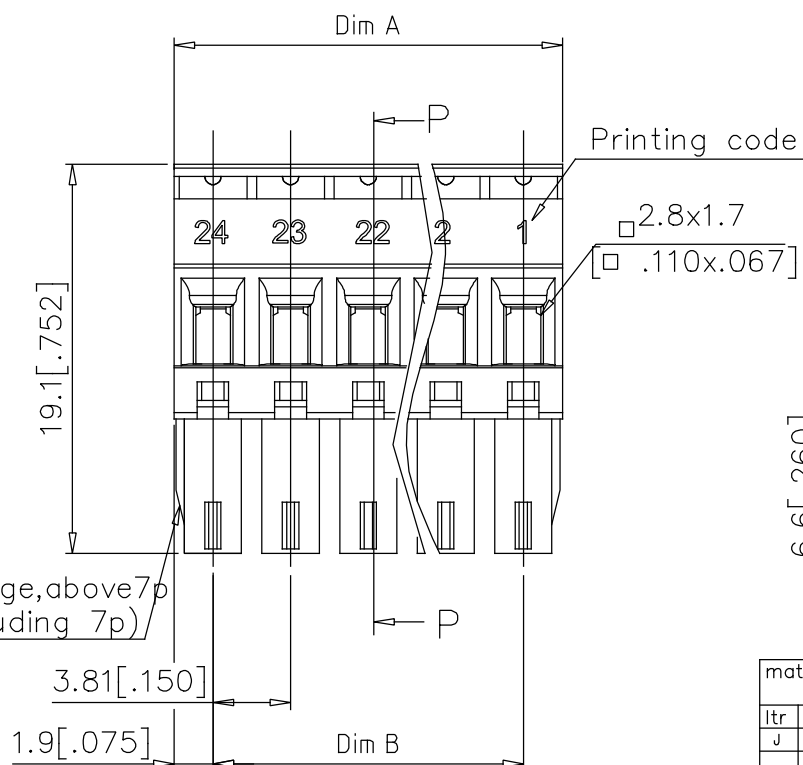
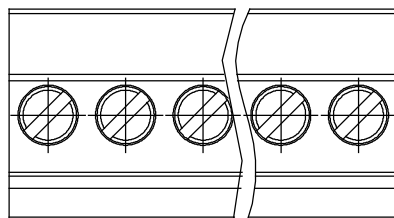
Dim A	N*3.5[.138]
Dim B	(N-1)*3.5[.138]

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

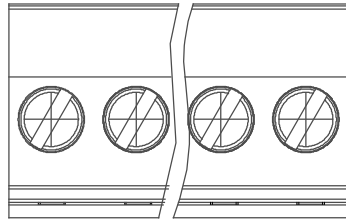
N= NUMBER OF POLES
DIMENSION

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 size
			chr	GARY HSIEH	062509		20020008 A4
			app	JOSEPH HSIA	062509		type
sheet index	revision sheet						CUSTOMER Drawing

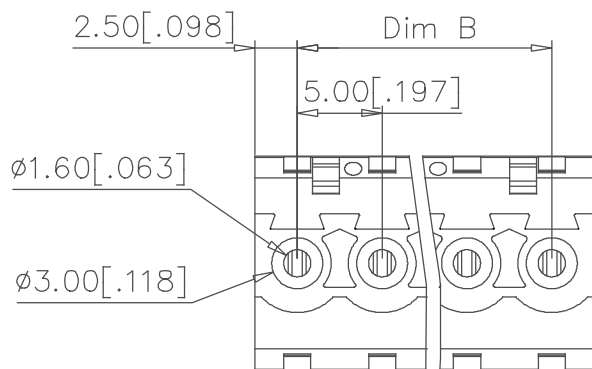
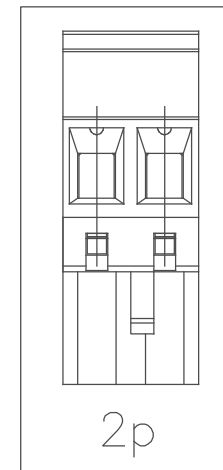
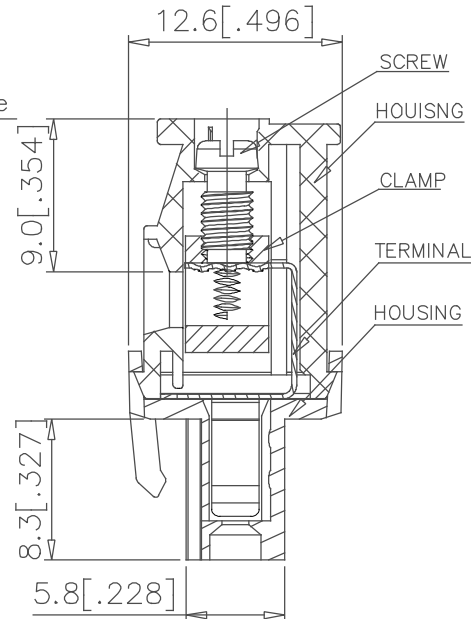
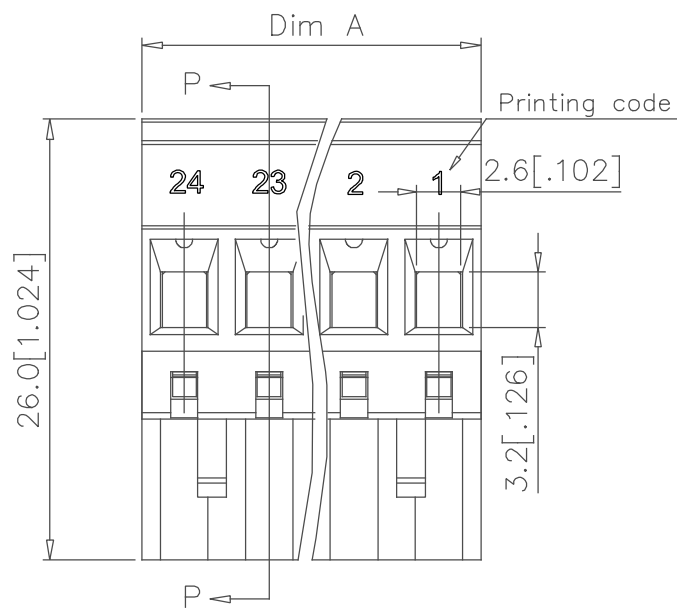
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

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

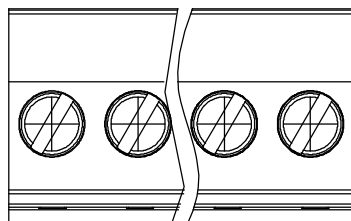
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



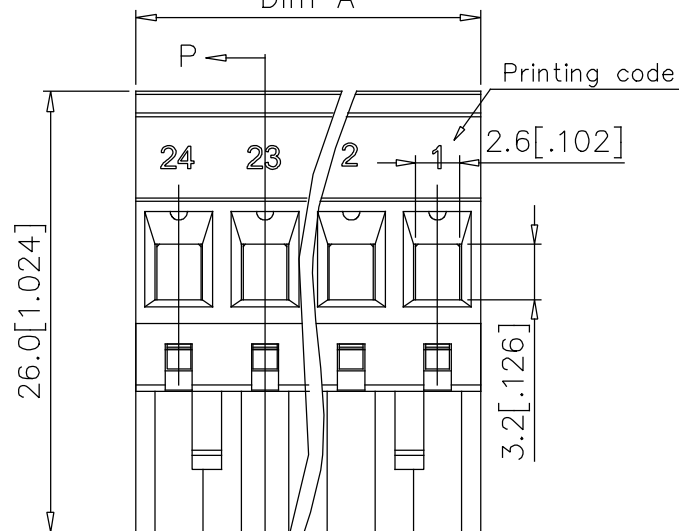
SECTION P-P

mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title
J				TERMINAL BLOCK PLUGABLE, PLUG, SIGNAL, ENTRYSIDE HOOK
				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



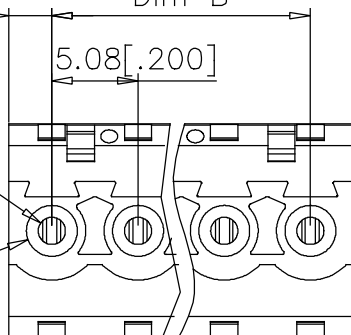
Dim A



2.54[.100] Dim B

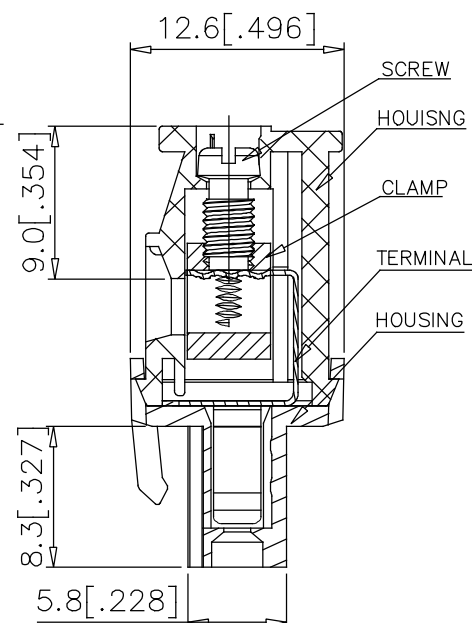
ø1.60[.063]

ø3.00[.118]

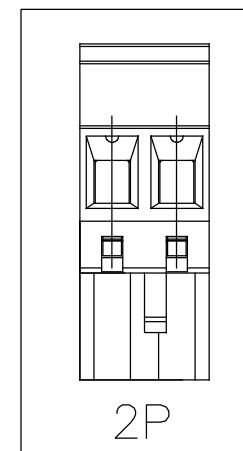
N= NUMBER OF POLES
DIMENSION

Dim A	Nx5.08[.200]
Dim 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
					A4
					type
					CUSTOMER Drawing
sheet index	revision sheet				