

20020008—

POLES

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02: 2 POLES
03: 3 POLES
04: 4 POLES
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|
|
24: 24 POLES
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1 : STANDARD PRODUCT
W/ BOX PACKING

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

- SCREW CODE

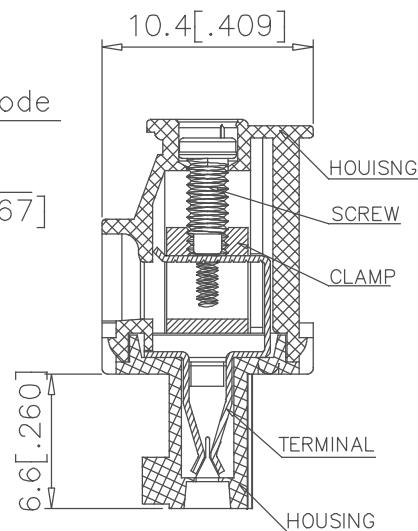
CODE	SCREW TYPE		AVAILABILITY
A	-/+		ON REQUEST ONLY
B	-		STANDARD

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, there is a circular feature with a cross-section line. To its right, the part continues with a series of five circular features, each with a cross-section line. The break line is a wavy line that separates the left part from the right part, indicating that the part is longer than shown.



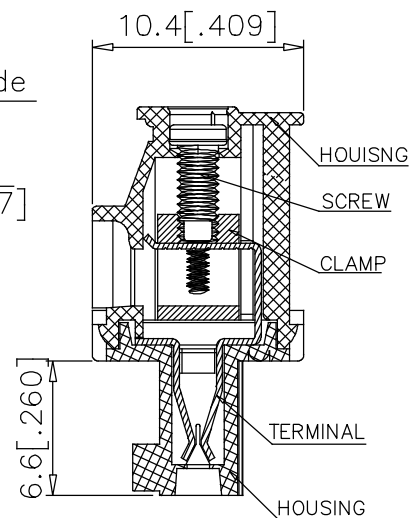
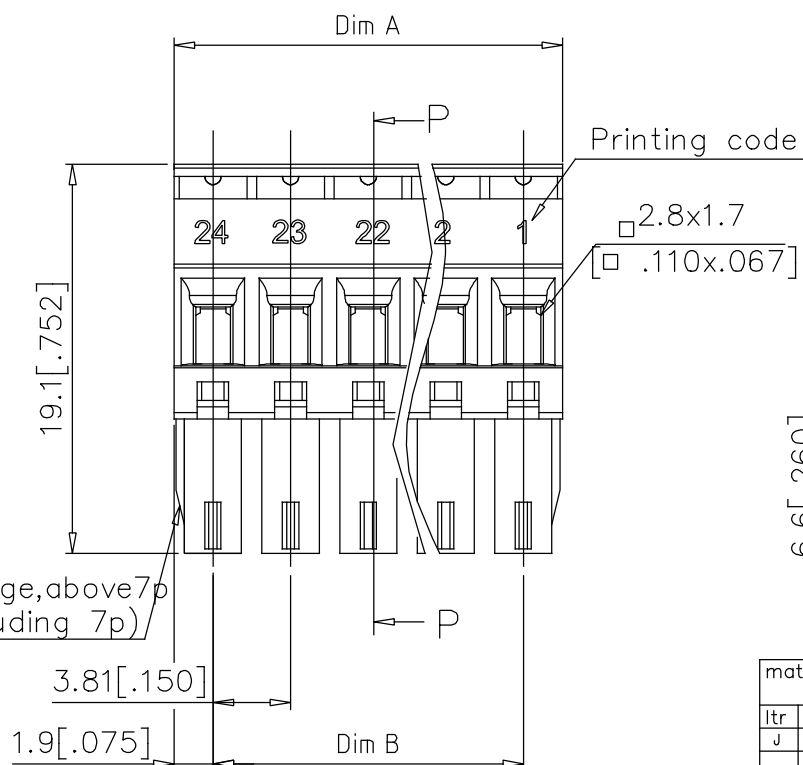
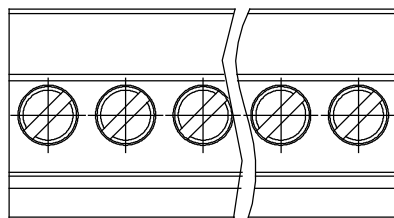
N= NUMBER OF POLES
DIMENSION

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

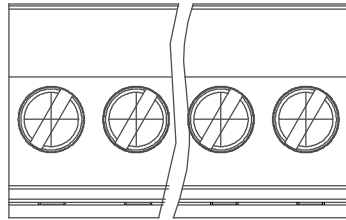
N= NUMBER OF POLES
DIMENSION

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		20020008
			chr	GARY HSIEH	062509		sheet 3 of 5 size A4
			appd	JOSEPH HSIA	062509		type
sheet index	revision sheet						CUSTOMER Drawing

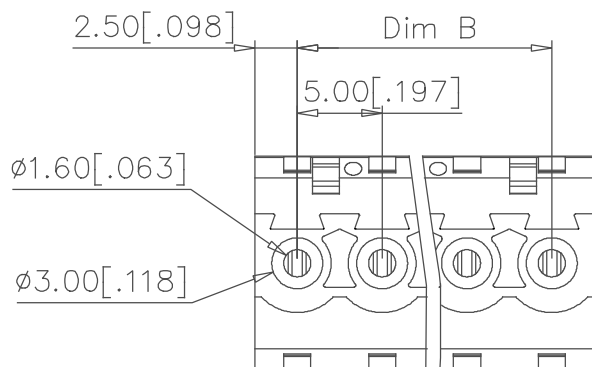
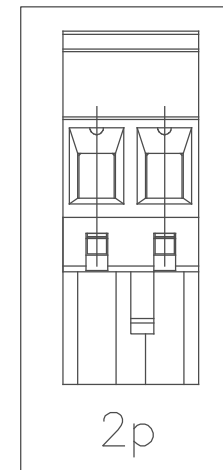
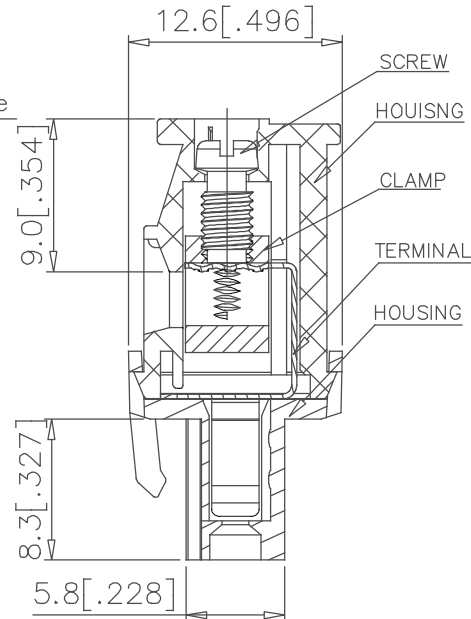
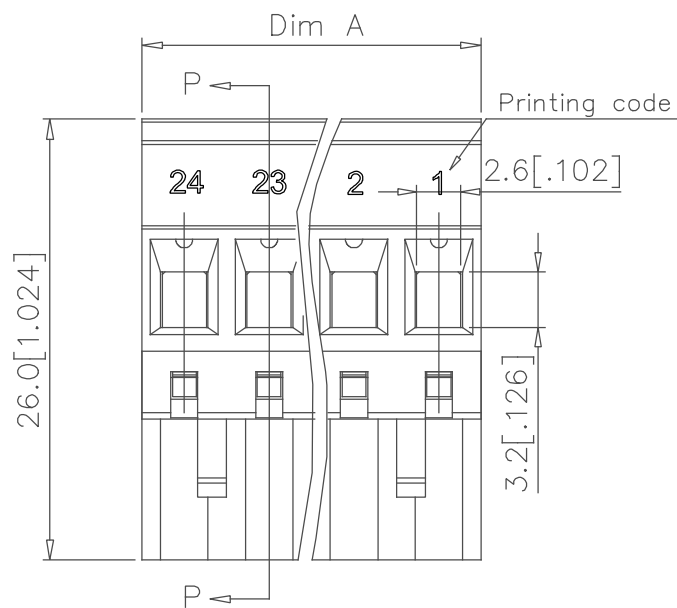
PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXXXXXL	02-500	5.00 mm



N= NUMBER OF POLES
DIMENSION

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

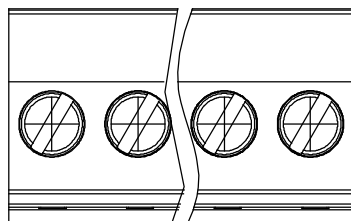
Poles	Tolerance
2P-6P	$\pm 0.15[.006]$
7P-12P	$\pm 0.25[.010]$
13P-18P	$\pm 0.30[.012]$
19P-24P	$\pm 0.40[.016]$



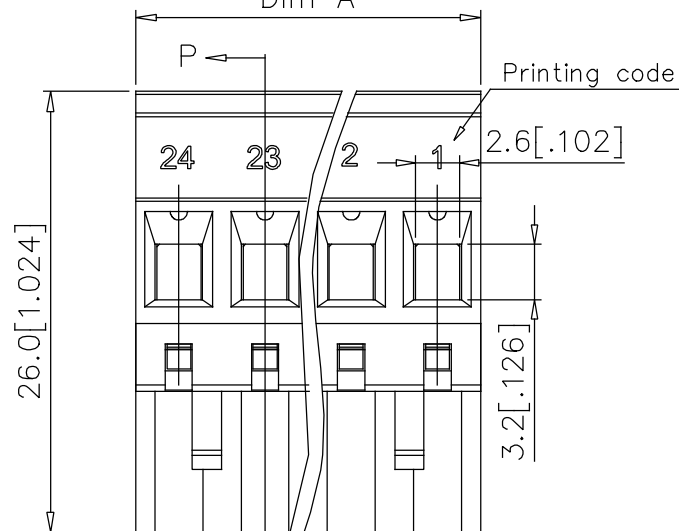
SECTION P-P

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

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



Dim A



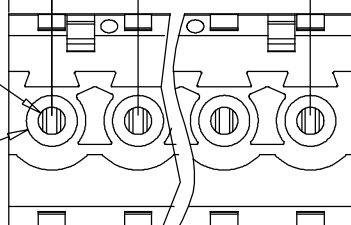
2.54 [.100]

Dim B

5.08 [.200]

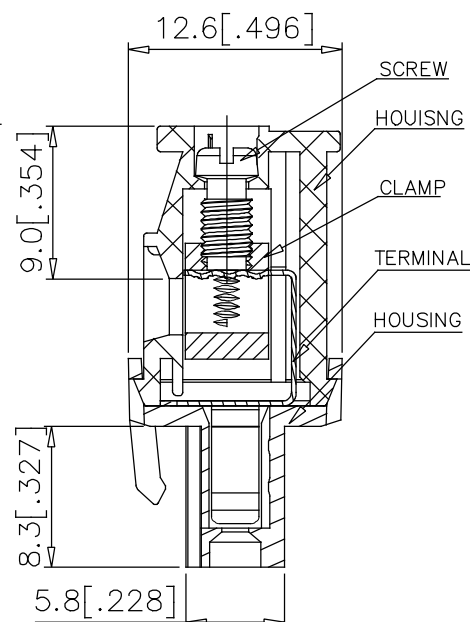
ø1.60 [.063]

ø3.00 [.118]

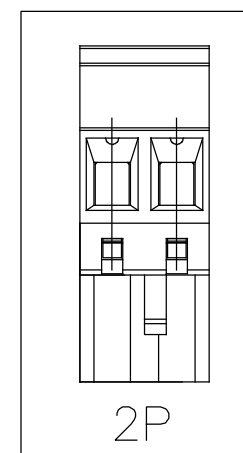
N= NUMBER OF POLES
DIMENSION

Dim A	Nx5.08 [.200]
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 ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr		ecn no	dr	date	terminal block
J		tolerances unless otherwise specified			title
		angles	line	MM	TERMINAL BLOCK
		X.X	±0.5 [.020]	INCH	PLUGABLE, PLUG, SIGNAL, ENTRY SIDE HOOK
		X'±1'	X.XX ±0.3 [.012]	scale	dwg no
		dr	BEER FU	062509	sheet 5 of 5 size
		enr	BEER FU	062509	20020008
		chr	GARY HSIEH	062509	A4
		appd	JOSEPH HSIA	062509	type
sheet		revision			CUSTOMER Drawing
index	sheet				