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PRODUCT NUMBER
20020013-XXXXXXXLF

20020013- □ □ □ □ □ 0 □ L F

PITCH
- C: 3.50mm
- D: 3.81mm
- G: 5.00mm
- H: 5.08mm

POLES
- 02: 2 POLES
- 03: 3 POLES
- 04: 4 POLES
- ⋮
- 24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT W/ BOX PACKING

SCREW CODE

CODE	SCREW TYPE		AVAILABILTY
A	-/+	⊕	ON REQUEST ONLY
B	-	⊖	STANDARD

HOUSING CODE

CODE	COLOR	AVAILABILTY
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

PROPERTY TABLE					
FCI SERIES NAME		03-350	03-381	03-500	03-508
PITCH (mm)		3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300	300
CURRENT RATING (A)		10	10	10	10
APPLICABLE WIRE RANGE (AWG)	1-WIRE	16~28	16~28	12~22	12~22
	2-WIRE	20	20	18	18
WIRE CROSS SECTION (mm^2)	SOLID 1-WIRE	1.5	1.5	2.5	2.5
	SOLID 2-WIRE	0.5	0.5	1.0	1.0
	STRANDED 1-WIRE	1.5	1.5	2.5	2.5
	STRANDED 2-WIRE	0.75	0.75	1.5	1.5
OPENING CONTACT HOUSING(mm^2)		1.8x2.4	1.8x2.4	2.6x2.8	2.6x2.8
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	M2.5x0.4	M2.5x0.4
WITHSTANDING VOLTAGE (kV)		1.6	1.6	1.6	1.6
OPERATING TEMP. (℃)		-40~+115	-40~+115	-40~+115	-40~+115
POLES AVAILABLE		02~24	02~24	02~24	02~24
SAFETY CERTIFICATE		c UL us		c UL us	

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.

ltr	ecn no	dr	date
A	T10-0082	WL	080510
B	T10-0158	WL	100410
C	T10-0180	WL	111510
D	T-005908	WL	091311

mat'l. code | surface ASME Y14.5 | tolerance ASME Y14.5 | projection | product family: TERMINAL BLOCK

tolerances unless otherwise specified: angles X°±1° | linear X.±0.5, X.X±0.3, X.XX±0.1 | MM [INCH]

dr	WENDY CHEN	051810
engr	JASON HSU	051810
chr	GARY HSIEH	051810
appd	JOSEPH HSIA	051810

title: TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE FRONT SCREW

dwg no 20020013 | sheet 1 of 5 | size A4

type: CUSTOMER Drawing

sheet index	1	2	3	4	5
revision	D	D	D	D	D

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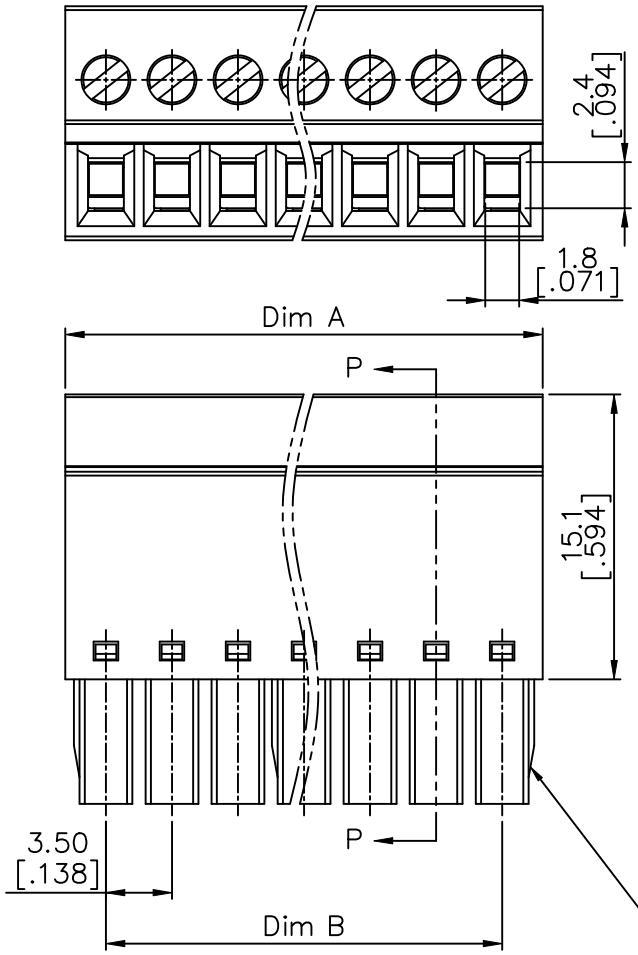
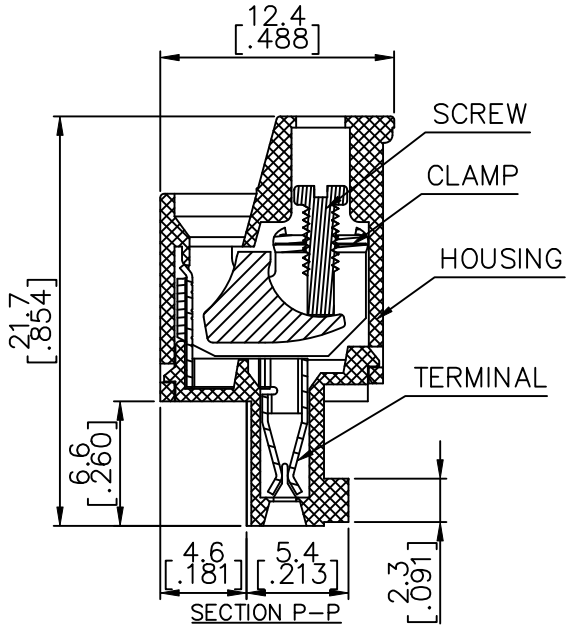
PRODUCT NUMBER	SERIES NAME	PITCH
20020013-CXXXXXXLF	03-350	3.50 mm





N = Number of poles
Dim A=Nx3.5[.138]+0.80[.031]
Dim B=(N-1)x3.5[.138]

Poles	Tolerance
2-4p	±0.10[.004]
5-7p	±0.15[.006]
8-12p	±0.20[.008]
13-18p	±0.25[.010]
19-24p	±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: TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE FRONT SCREW
D				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN	051810	dwg no: 20020013 sheet 2 of 5 size A4
				engr	JASON HSU	051810	
				chr	GARY HSIEH	051810	
				appd	JOSEPH HSIA	051810	type: CUSTOMER Drawing
sheet index	revision sheet						

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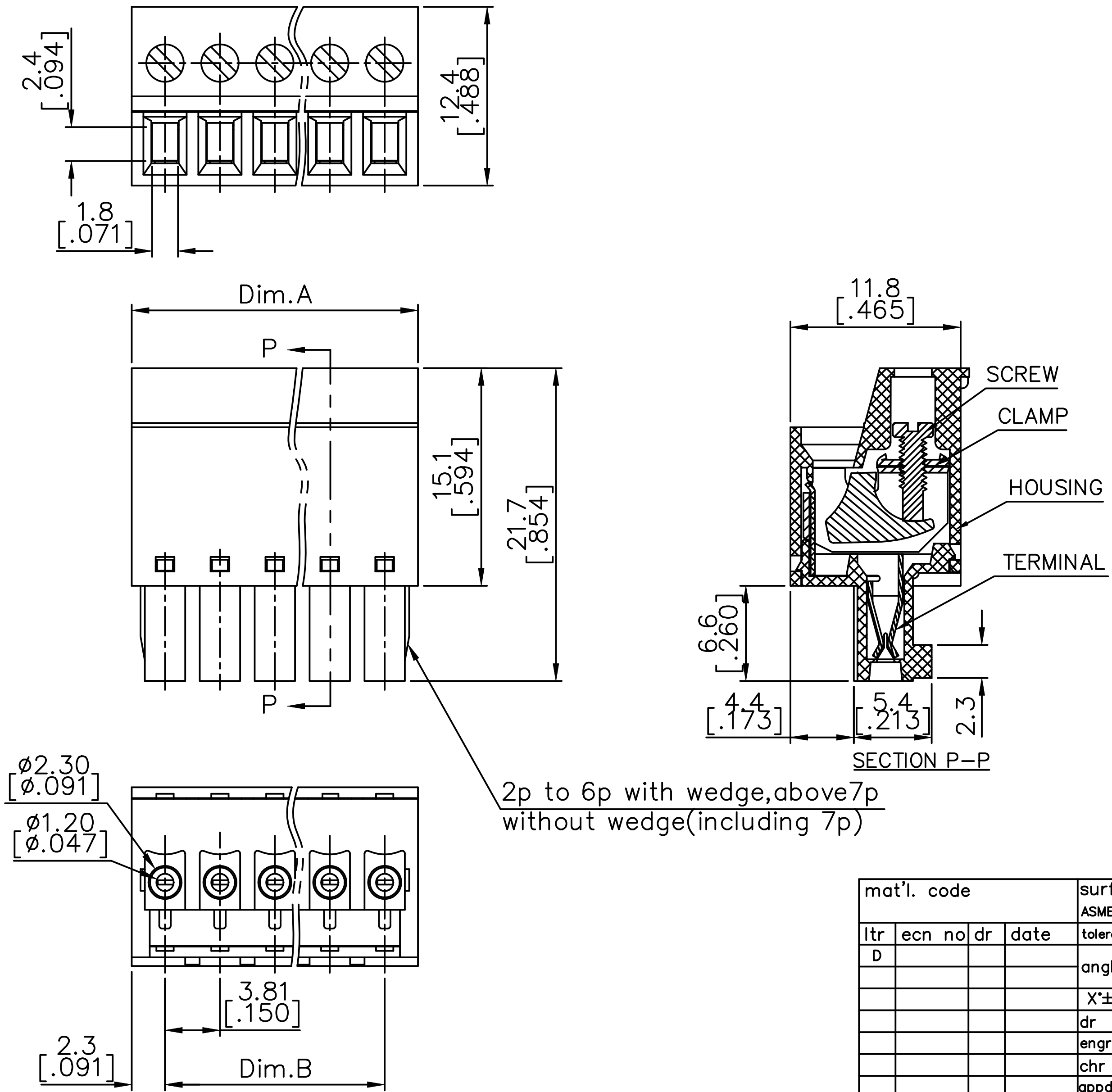
PRODUCT NUMBER	SERIES NAME	PITCH
20020013-DXXXXXXLF	03-381	3.81 mm



N = Number of poles
Dim A=Nx3.81[.150]+0.80[.031]
Dim B=(N-1)x3.81[.150]

Poles	Tolerance
2-6p	±0.15[.006]
7-12p	±0.20[.008]
13-17p	±0.25[.010]
18-24p	±0.30[.012]

mat'l. code	
surface	ASME Y14.5
tolerance	ASME Y14.5
tolerances unless otherwise specified	
angles	X°±1°
linear	X.±0.5; X.X±0.3; X.XX±0.1
projection	MM [INCH]
scale	
product family	TERMINAL BLOCK
title	TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE FRONT SCREW
dwg no	20020013
sheet	3 of 5
size	A4
type	CUSTOMER Drawing

ltr	ecn no	dr	date
D			

	Name	Date
dr	WENDY CHEN	051810
engr	JASON HSU	051810
chr	GARY HSIEH	051810
appd	JOSEPH HSIA	051810

sheet index | revision sheet

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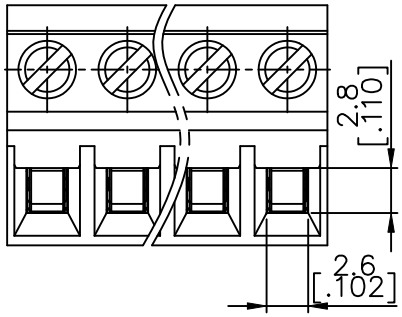
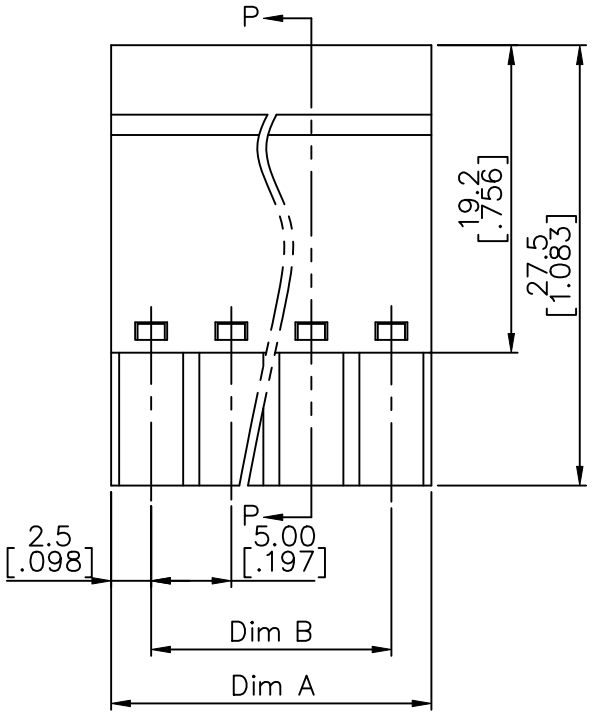
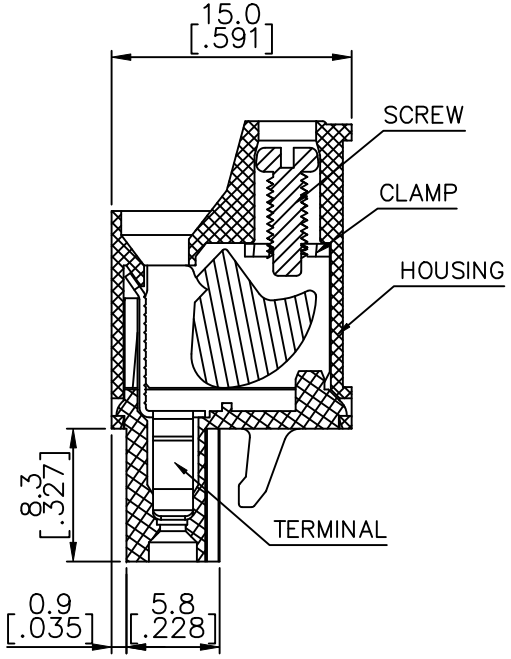
PRODUCT NUMBER	SERIES NAME	PITCH
20020013-GXXXXXXXLF	03-500	5.00 mm

N = Number of poles
Dim A=Nx5.0[.197]
Dim B=(N-1)x5.0[.197]

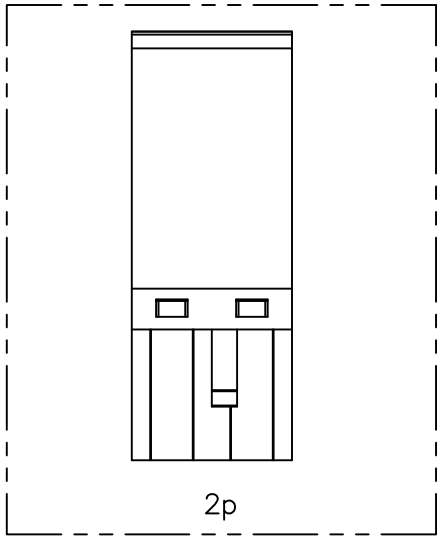
Poles	Tolerance
2-7p	±0.15[.006]
8-12p	±0.25[.010]
13-18p	±0.30[.012]
19-24p	±0.40[.016]







SECTION P-P



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: TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE FRONT SCREW
D				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr WENDY CHEN 051810			dwg no 20020013 sheet 4 of 5 size A4
				engr JASON HSU 051810			
				chr GARY HSIEH 051810			type CUSTOMER Drawing
				appd JOSEPH HSIA 051810			
sheet index	revision sheet						

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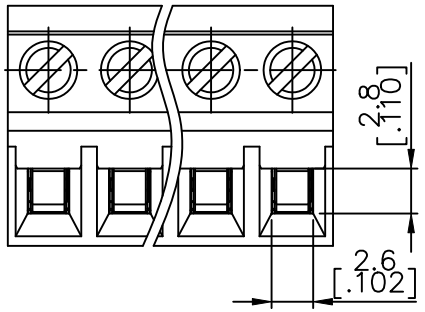
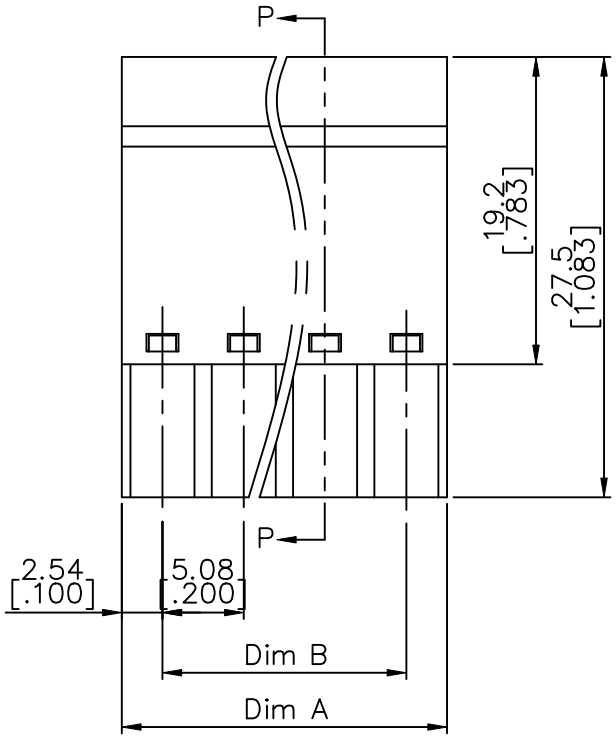
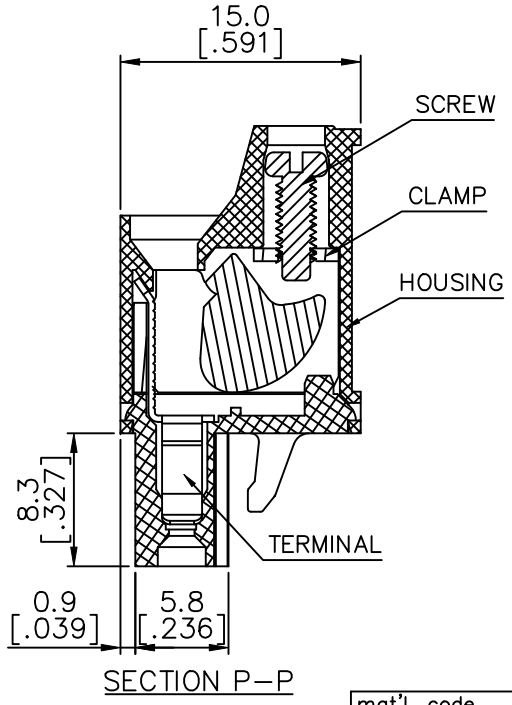
PRODUCT NUMBER	SERIES NAME	PITCH
20020013-HXXXXXXLF	03-508	5.08 mm

N = Number of poles
Dim A=Nx5.08[.200]
Dim B=(N-1)x5.08[.200]

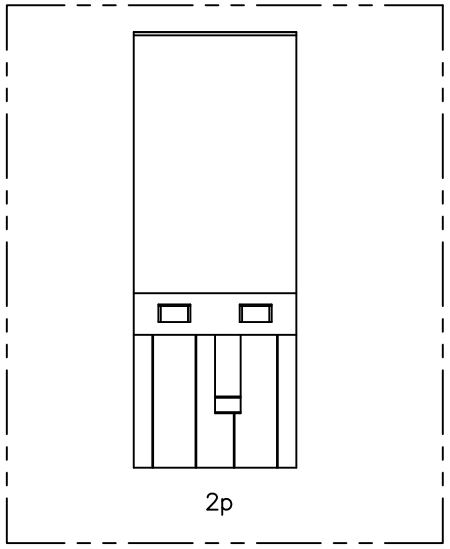
Poles	Tolerance
2-6p	±0.15[.006]
7-12p	±0.25[.010]
13-18p	±0.30[.012]
19-24p	±0.40[.016]







SECTION P-P



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: TERMINAL BLOCK PLUGGABLE, PLUG, SIGNAL, W/O FLANGE FRONT SCREW
D				angles X°±1°	linear X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
						scale	
				dr WENDY CHEN 051810			dwg no 20020013 sheet 5 of 5 size A4
				engr JASON HSU 051810			
				chr GARY HSIEH 051810			type: CUSTOMER Drawing
				appd JOSEPH HSIA 051810			
sheet index	revision sheet						