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PRODUCT NUMBER
20020011-XXXXXXXLF

20020011- □ □ □ □ □ 0 □ LF

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

LF : NOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT W/ BOX PACKING

SCREW CODE

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

ALL FLANGE SCREWS ARE ONLY AVAILABLE IN +/- COMBINATION SCREW TYPES.

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		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	2.5
	2-WIRE	0.5	0.5	1.0	1.0
WIRE CROSS SECTION (mm^2) STRANDED	1-WIRE	1.5	1.5	2.5	2.5
	2-WIRE	0.75	0.75	1.5	1.5
OPENING CONTACT HOUSING(mm^2)		2.8x1.7	2.8x1.7	2.6x3.3	2.6x3.3
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. (℃)		-40~+115	-40~+115	-40~+115	-40~+115
POLES AVAILABLE		02~24	02~24	02~24	02~24
SAFETY CERTIFICATE		c UL us, VDE		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	T10-0140	WL	090310
C	T10-0158	WL	100410
D	T11-0013	WL	040811
E	T-005908	WL	091311

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

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

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

projection | MM [INCH] | scale

product family: TERMINAL BLOCK

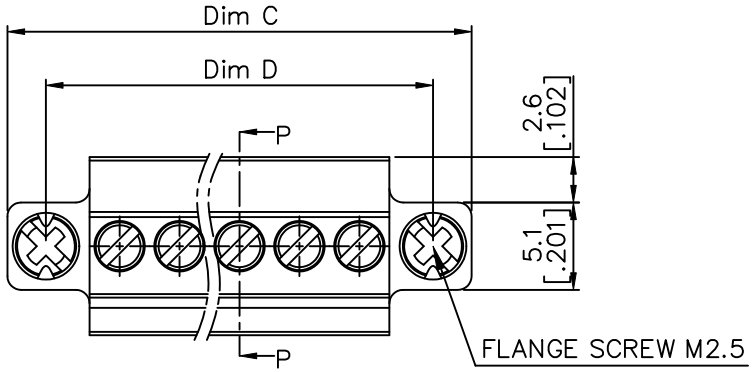
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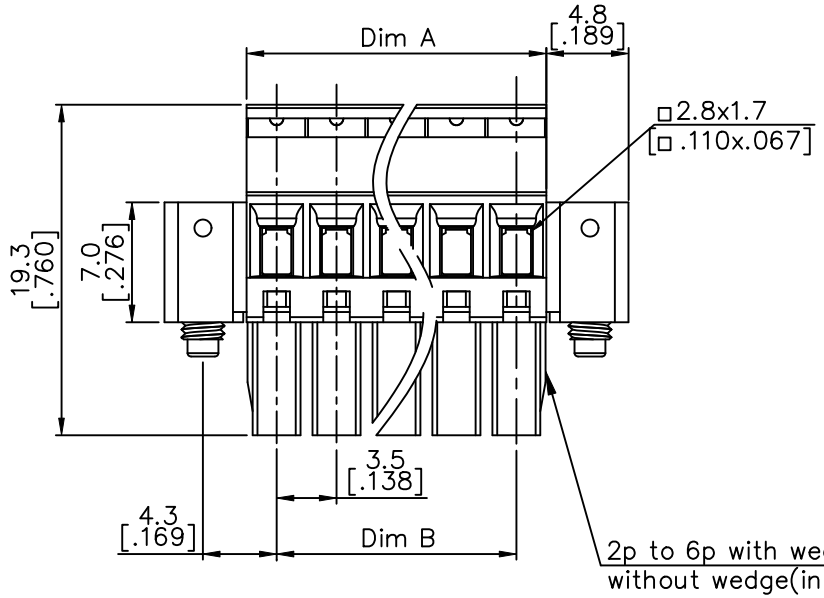
dwg no 20020011 | sheet 1 of 5 | size A4

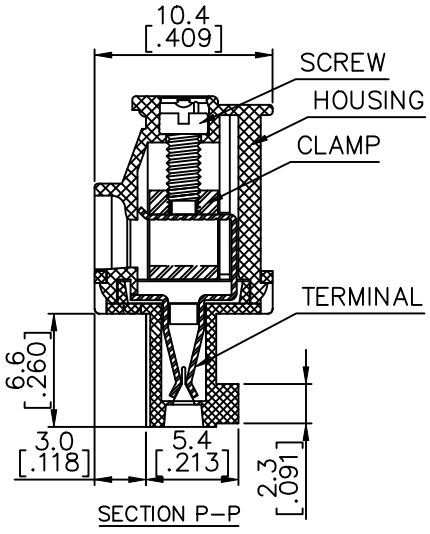
type: CUSTOMER Drawing

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PRODUCT NUMBER	SERIES NAME	PITCH
20020011-CXXXXXXLF	02-350	3.50 mm







N = Number of poles

Dim A	NX3.5[.138]
Dim B	(N-1)X3.5[.138]
Dim C	NX3.5[.138]+9.6[.378]
Dim D	(N-1)X3.5[.138]+8.6[.339]

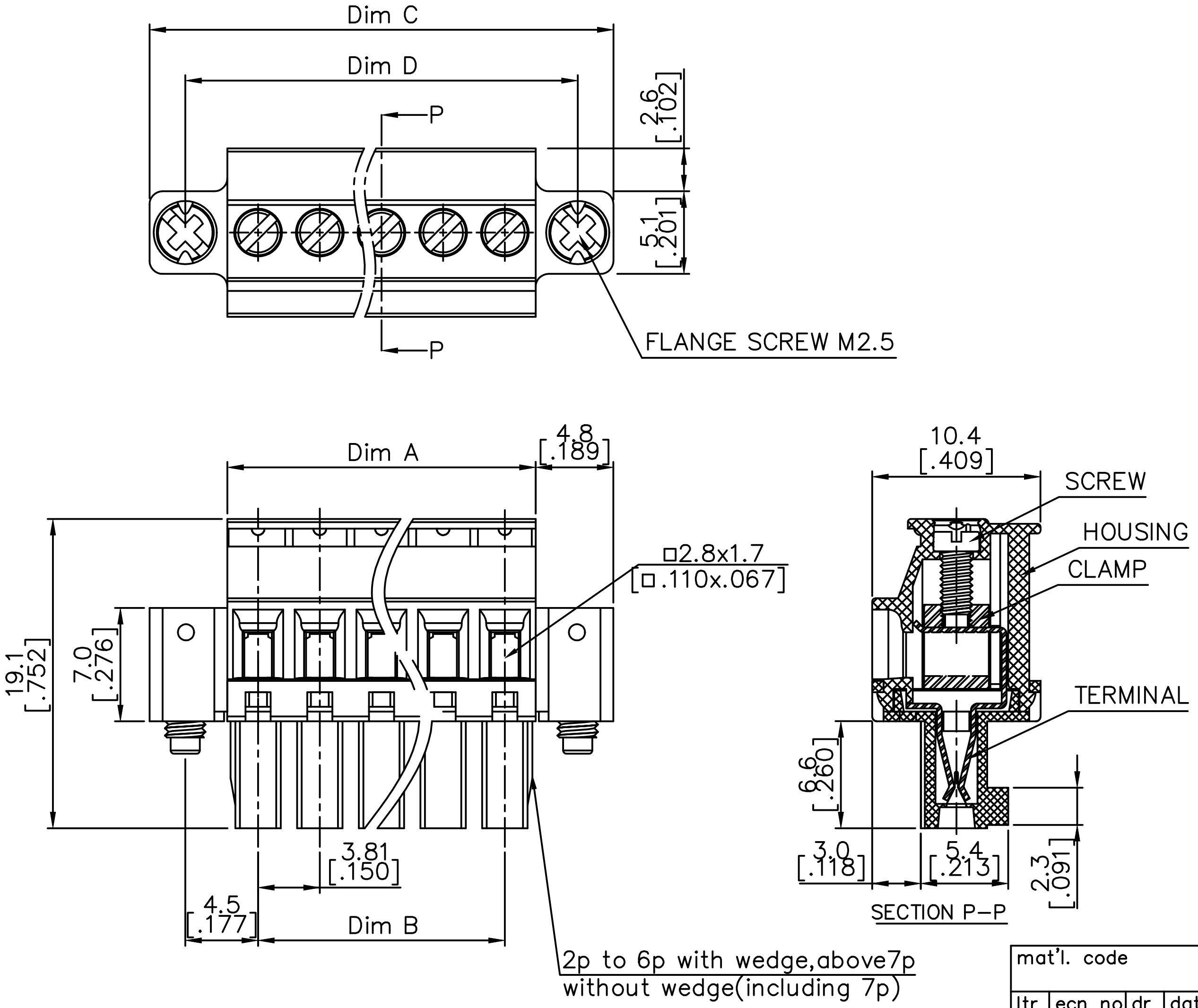
poles	Tolerance
2-4p	±0.10[.004]
5-7p	±0.15[.006]
8-12p	±0.20[.008]
13-18p	±0.25[.010]
19-24p	±0.30[.012]

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, BACK SIDE HOOK, W/FLANGE
E				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN	051810	dwg no: 20020011 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
20020011-DXXXXXXLF	02-381	3.81 mm



N = Number of poles

Dim A	NX3.81[.150]
Dim B	(N-1)X3.81[.150]
Dim C	NX3.81[.150]+9.6[.378]
Dim D	(N-1)X3.81[.150]+9.0[.354]

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	projection
ltr / ecn no / dr / date	tolerances unless otherwise specified		MM [INCH]
E	angles X°±1°	linear X.±0.5 / X.X±0.3 / X.XX±0.1	scale
dr	WENDY CHEN	051810	
engr	JASON HSU	051810	
chr	GARY HSIEH	051810	
appd	JOSEPH HSIA	051810	
sheet index	revision sheet		

product family: TERMINAL BLOCK

title: TERMINAL BLOCK PLUGGABLE PLUG, BACK SIDE HOOK, W/FLANGE

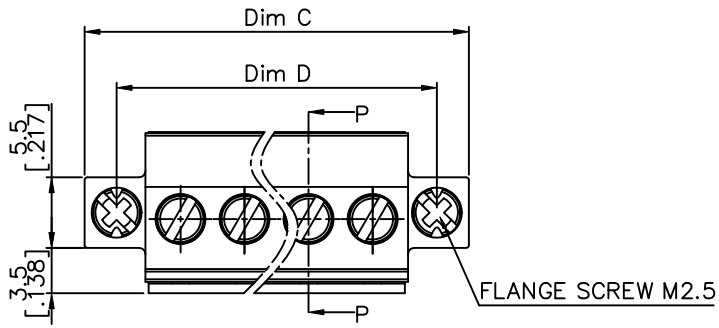
dwg no: 20020011 — sheet 3 of 5 — size A4

type: CUSTOMER Drawing

form: A4mmXLc

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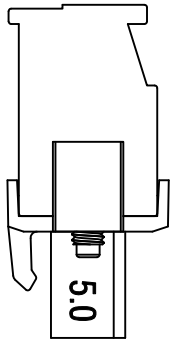
PRODUCT NUMBER	SERIES NAME	PITCH
20020011-GXXXXXXLF	02-500	5.00 mm

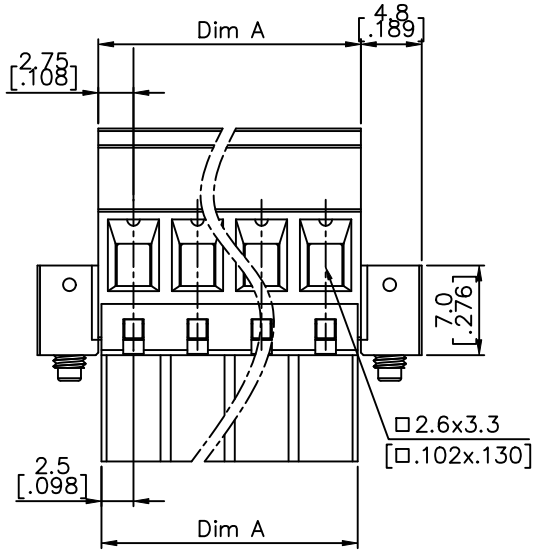


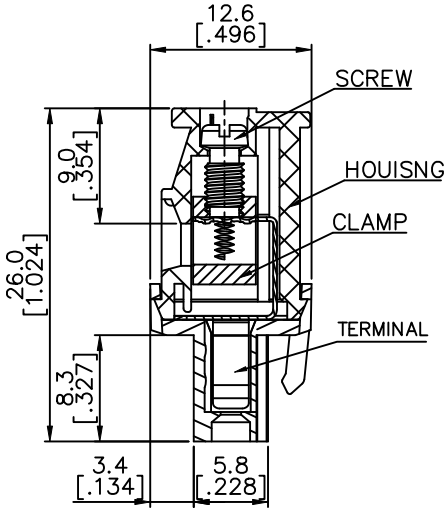
N = Number of poles

Dim A	NX5.0[.197]+0.5[.020]
Dim B	(N-1)X5.0[.197]
Dim C	NX5.0[.197]+10.0[.394]
Dim D	(N+1)X5.0[.197]

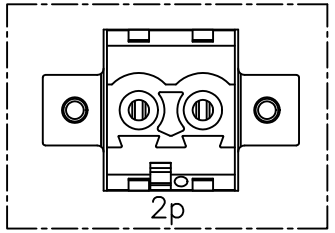
poles	Tolerance
2-6p	±0.15[.006]
7-12p	±0.20[.008]
13-18p	±0.30[.012]
19-24p	±0.40[.016]

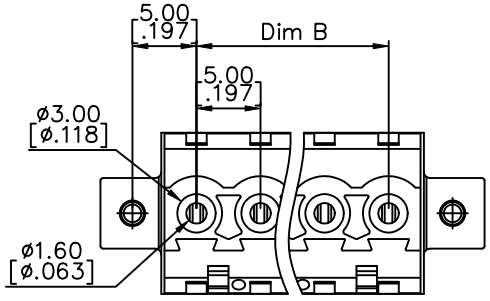






SECTION P-P

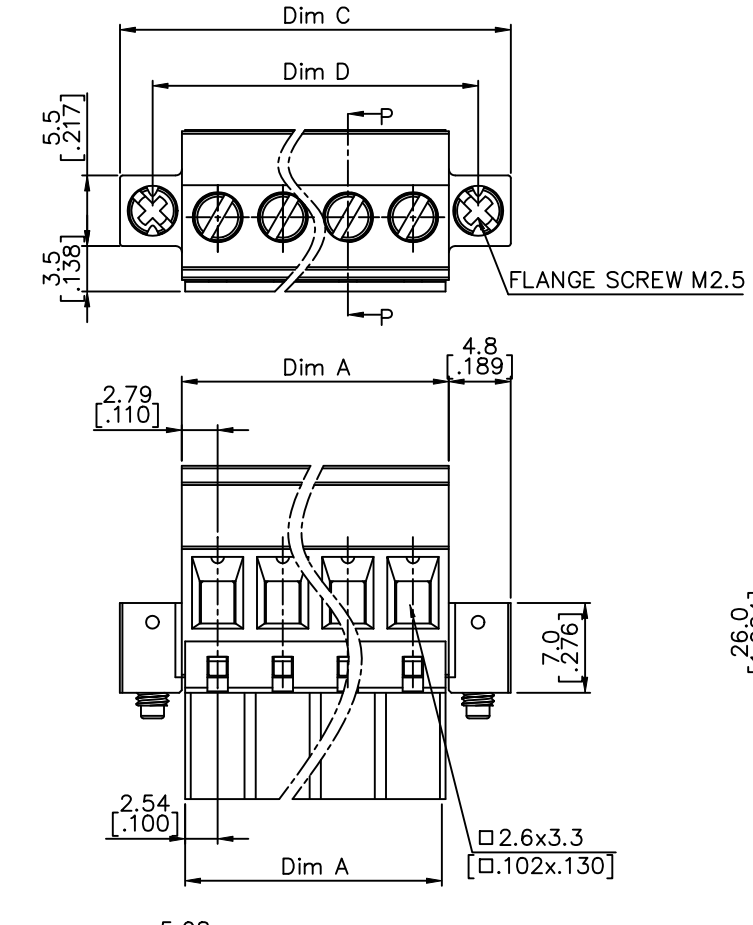


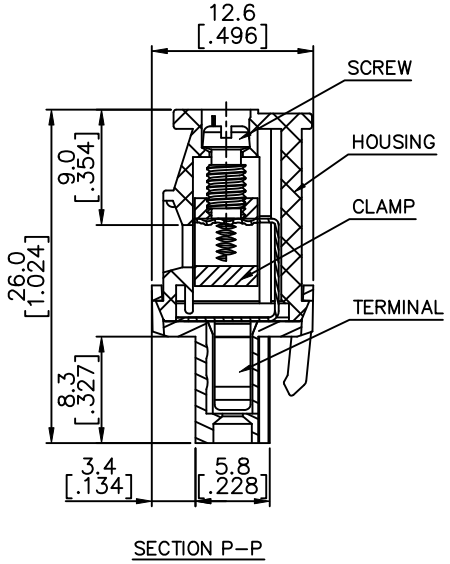


mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK PLUGGABLE PLUG, BACK SIDE HOOK, W/FLANGE
E				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN	051810	dwg no: 20020011 sheet 4 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
20020011-HXXXXXXLF	02-508	5.08 mm



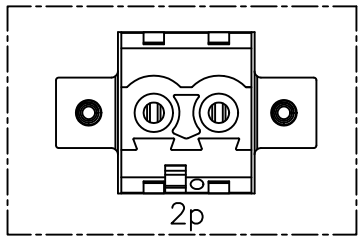


SECTION P-P

N = Number of poles

Dim A	NX5.08[.200]+0.5[.020]
Dim B	(N-1)X5.08[.200]
Dim C	NX5.08[.200]+9.66[.380]
Dim D	(N+1)X5.08[.200]

poles	Tolerance
2-6p	±0.15[.006]
7-12p	±0.20[.008]
13-18p	±0.30[.012]
19-24p	±0.40[.016]



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, BACK SIDE HOOK, W/FLANGE		
E				angles	linear X.±0.5	MM [INCH]			
				X°±1°	X.X±0.3				
					X.XX±0.1	scale			
				dr	WENDY CHEN	051810	dwg no: 20020011	sheet 5 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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