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PRODUCT NUMBER
20020009-XXXXXXXLF

20020009- □ □ □ □ □ 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 : DENOTES 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
	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			cULus VDE		cULus	

NOTES:
1. MATERIALS
   1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
   1-2 SCREW AND FLANGE 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. BOXED PACKAGING,
   DETAILED 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	T10-0062	WL	050710
B	T10-0127	WL	080910
C	T10-0140	WL	090310
D	T10-0155	WL	093010
E	T10-0187	WL	121410
F	T11-0013	WL	040811
G	T-004860	WL	080411

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

mat'l. code | surface ASME Y14.5 | tolerance ASME Y14.5 | projection

tolerances unless otherwise specified

angles: X°±1°
linear: X.±0.5[.020] | X.X±0.3[.012] | X.XX±0.1[.004]

MM [INCH]

scale

dr	WENDY CHEN	042310
engr	JASON HSU	042310
chr	GARY HSIEH	042310
appd	JOSEPH HSIA	042310

product family: TERMINAL BLOCK

title: TERMINAL BLOCK
PLUGGABLE PLUG, SIGNAL, ENTRYSIDE HOOK W/FLANGE

dwg no: 20020009 | sheet 1 of 5 | size: A4

type: CUSTOMER Drawing

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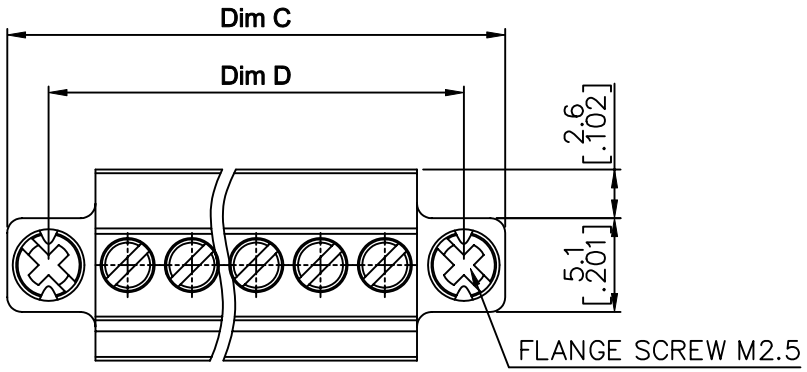
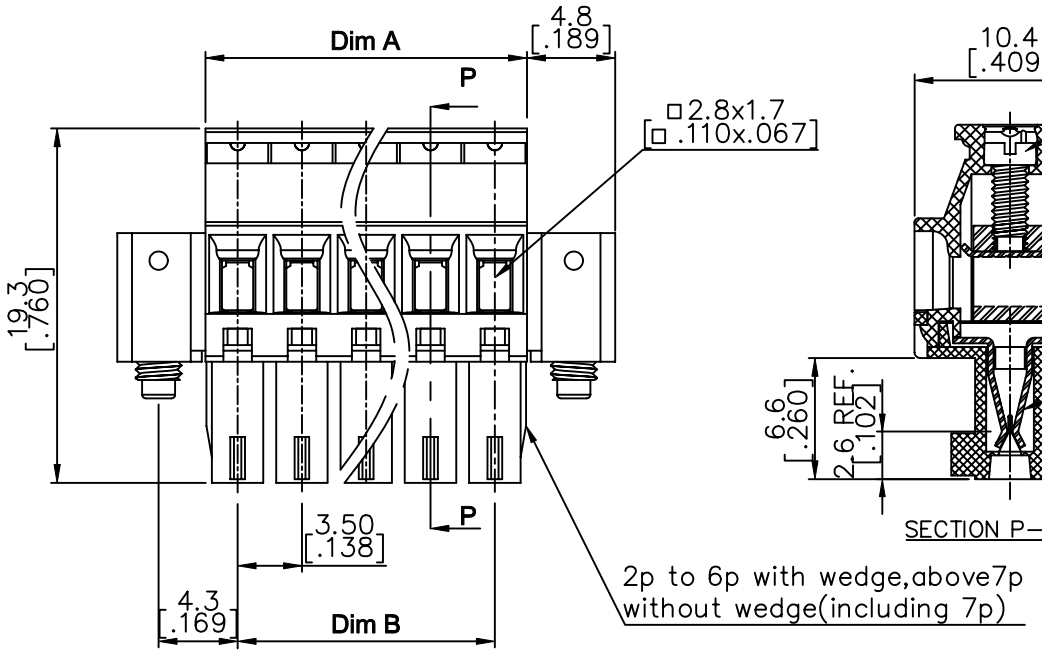
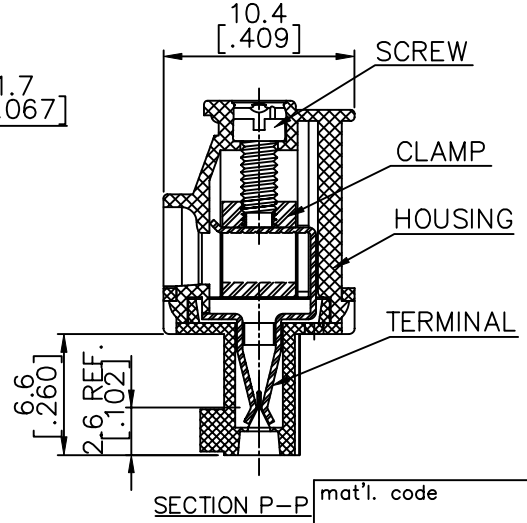
PRODUCT NUMBER	SERIES NAME	PITCH
20020009-CXXXXXXLF	02-350	3.50 mm







N = Number of poles

Dim A	NX3.5[.138]
Dim B	(N-1)X3.5[.138]
Dim C	NX[.138]3.5+9.6[.378]
Dim D	(N-1)X3.5[.138]+8.6[.339]

Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.20[.008]
13p-16p	±0.25[.100]
17p-24p	±0.30[.012]

ltr	ecn no	dr	date
G			

mat'l. code

surface ASME Y14.5 | tolerance ASME Y14.5

tolerances unless otherwise specified

angles X°±1° | linear X.±0.5[.020] X.X±0.3[.012] X.XX±0.1[.004]

projection | MM [INCH] | scale

dr	WENDY CHEN	042310
engr	JASON HSU	042310
chr	GARY HSIEH	042310
appd	JOSEPH HSIA	042310

sheet index | revision sheet

product family: TERMINAL BLOCK

title: TERMINAL BLOCK
PLUGGABLE PLUG, SIGNAL, ENTRYSIDE HOOK W/FLANGE

dwg no 20020009 | sheet 2 of 5 | size A4

type: CUSTOMER Drawing

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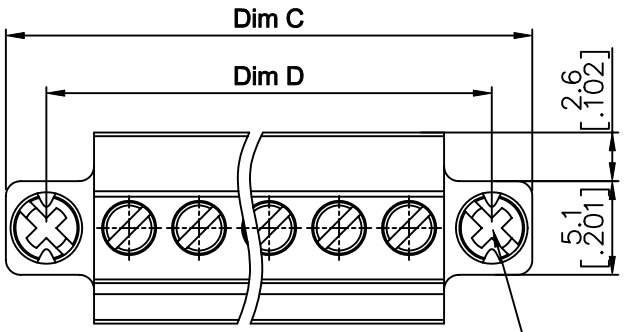
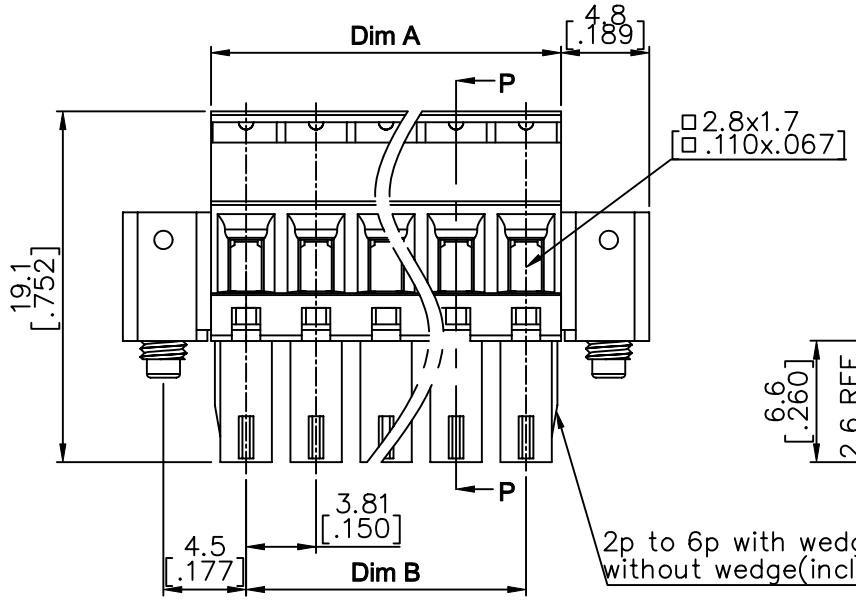
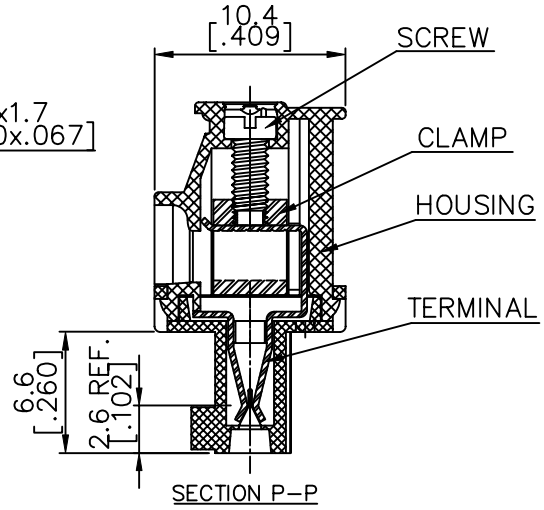
PRODUCT NUMBER	SERIES NAME	PITCH
20020009-DXXXXXXXLF	02-381	3.81 mm







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
2p-6p	±0.15[.006]
7p-12p	±0.20[.008]
13p-16p	±0.25[.100]
17p-24p	±0.30[.012]

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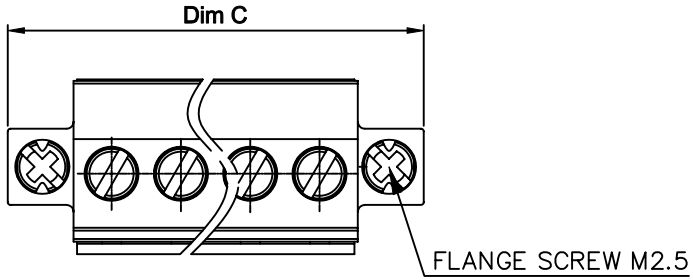
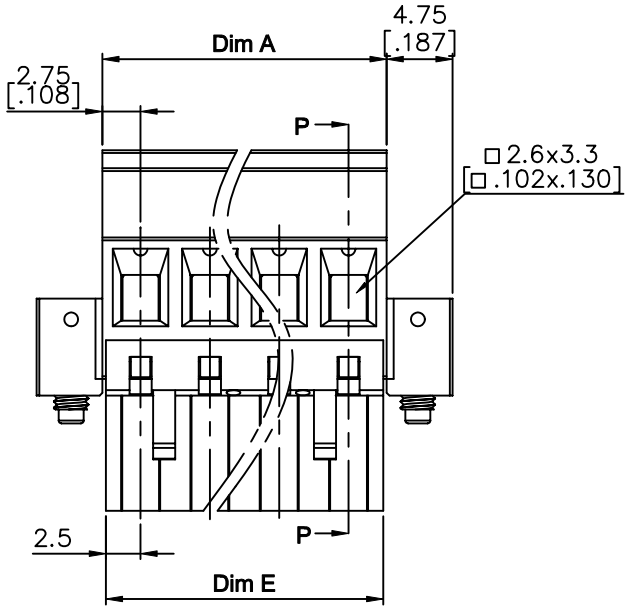
PRODUCT NUMBER	SERIES NAME	PITCH
20020009-GXXXXXXLF	02-500	5.00 mm

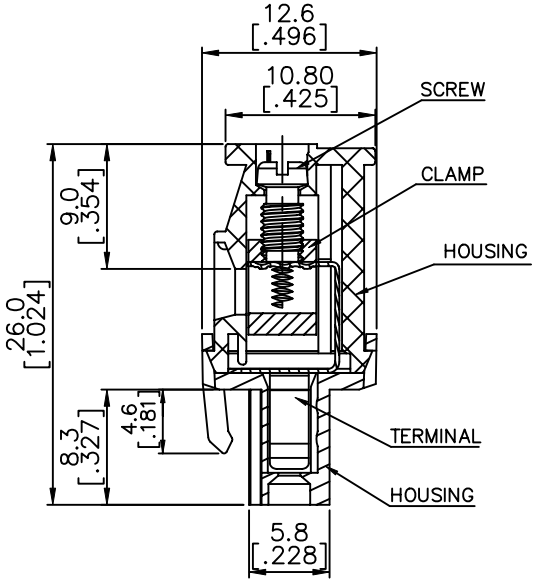


N = Number of poles

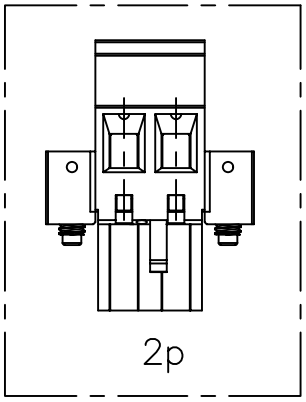
Dim A	NX5.0[.197]+0.5[.020]
Dim B	(N-1)X5.0[.197]
Dim C	NX5.0[.197]+10.0[.394]
Dim D	(N+1)X5.0[.197]
Dim E	NX5.0[.197]

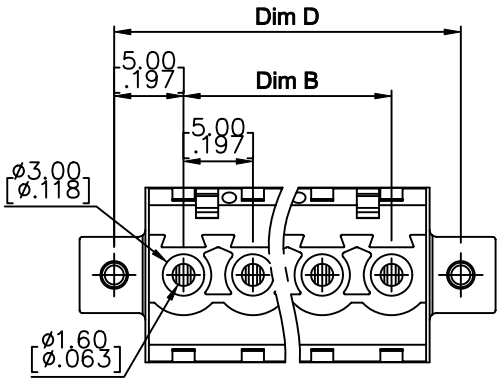
Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.25[.010]
13p-18p	±0.30[.012]
19p-24p	±0.40[.016]





SECTION P-P





mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family	TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	TERMINAL BLOCK PLUGGABLE PLUG, SIGNAL, ENTRYSIDE HOOK W/FLANGE
G				angles	linear X.±0.5[.020]	MM [INCH]		
				X°±1°	X.X±0.3[.012]			
					X.XX±0.1[.004]	scale		
				dr	WENDY CHEN 042310		dwg no	sheet 4 of 5 size
				engr	JASON HSU 042310		20020009	A4
				chr	GARY HSIEH 042310		type	CUSTOMER Drawing
				appd	JOSEPH HSIA 042310			
sheet index	revision sheet							

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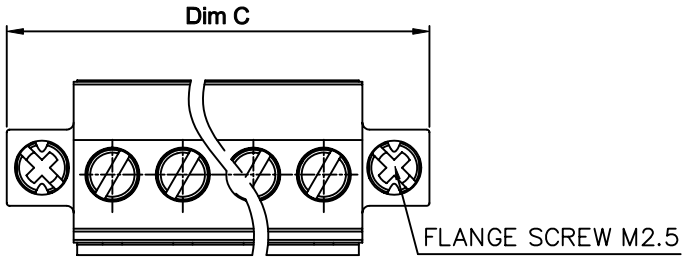
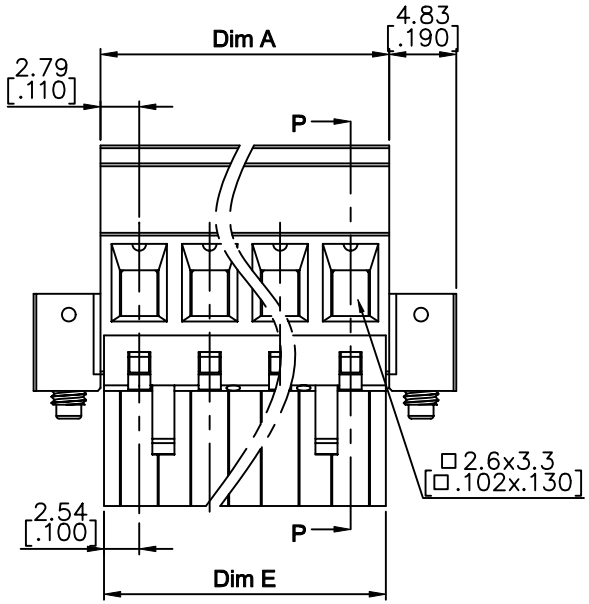
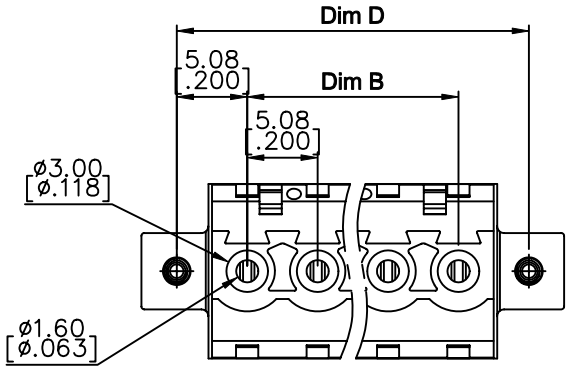
PRODUCT NUMBER	SERIES NAME	PITCH
20020009-HXXXXXXLF	02-508	5.08 mm



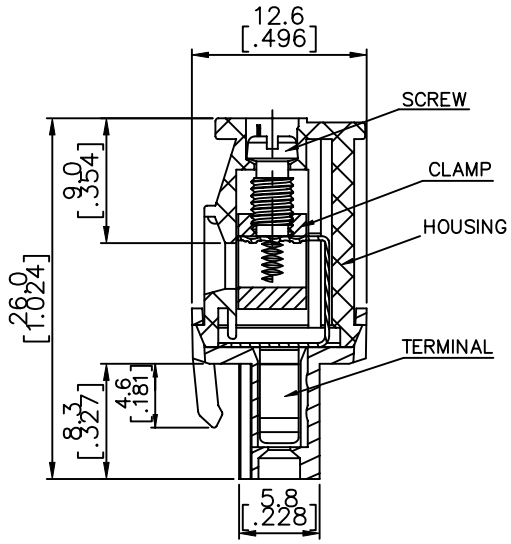




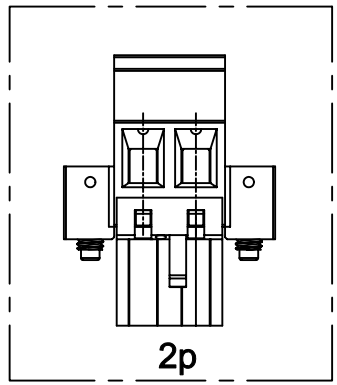
N = Number of poles

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]
Dim E	NX5.08[.200]

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



SECTION P-P



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