

PRODUCT NUMBER
20020009-XXXXXXLF

20020009-

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	AVAILABILITY
A	-/+ 	ON REQUEST ONLY
B	- 	STANDARD

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

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	2.6x3.3	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. (°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

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,

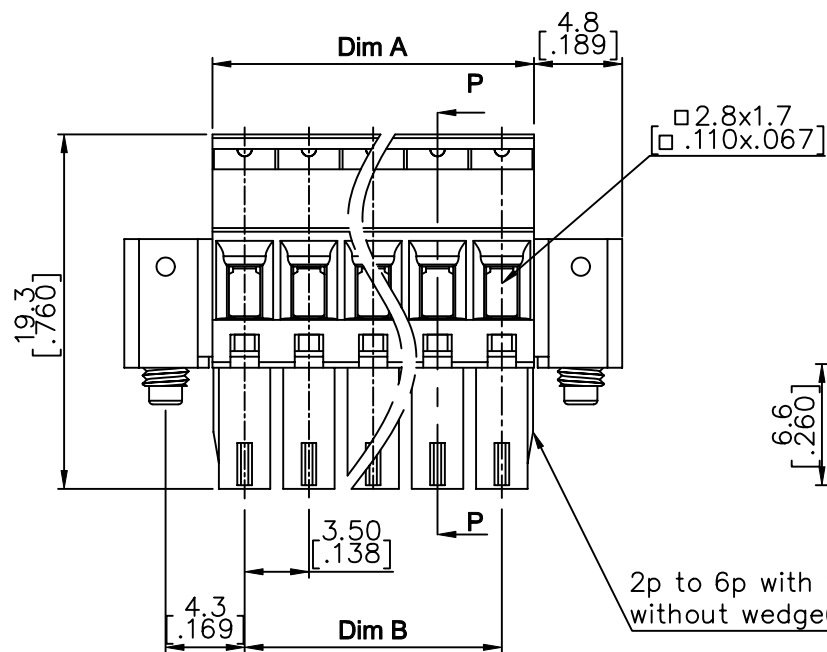
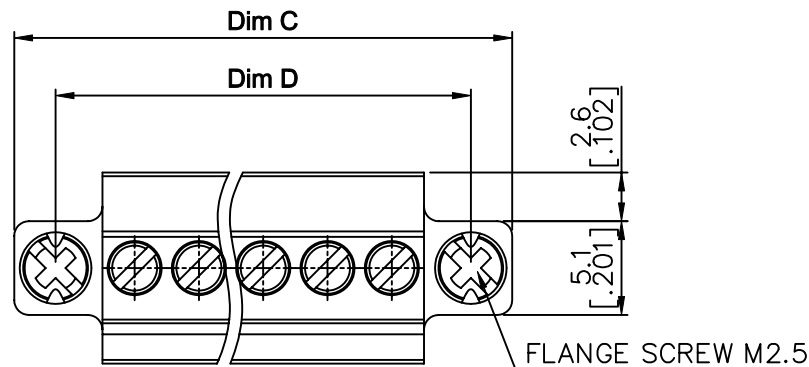
DETAILED PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

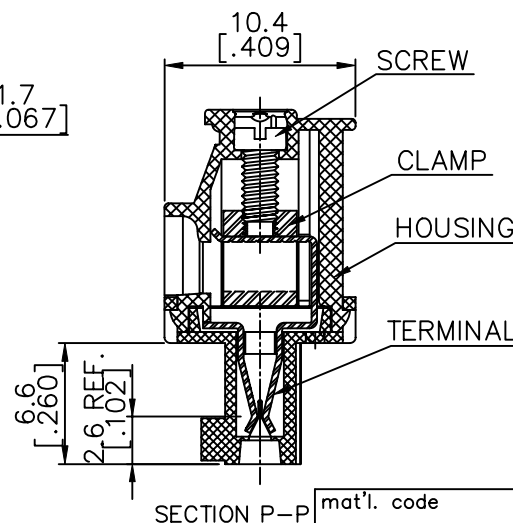
5. THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

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	
A	T10-0062	WL	050710	angles	X.±0.5[.020]	MM	TERMINAL BLOCK	
B	T10-0127	WL	080910	to 1°	X.X±0.3[.012]	INCH	PLUGGABLE PLUG, SIGNAL, ENTRYSIDE HOOK	
C	T10-0140	WL	090310	X'±1°	X.XX±0.1[.004]	scale	W/FLANGE	
D	T10-0155	WL	093010	dr	WENDY CHEN	042310	sheet 1 of 5	
E	T10-0187	WL	121410	engr	JASON HSU	042310	20020009	
F	T11-0013	WL	040811	chr	GARY HSIEH	042310	A4	
G	T-004860	WL	080411	appd	JOSEPH HSIA	042310	type	
sheet index		revision	G	G	G	G	CUSTOMER Drawing	
		sheet	1	2	3	4		

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



2p to 6p with wedge, above 7p
without wedge (including 7p)



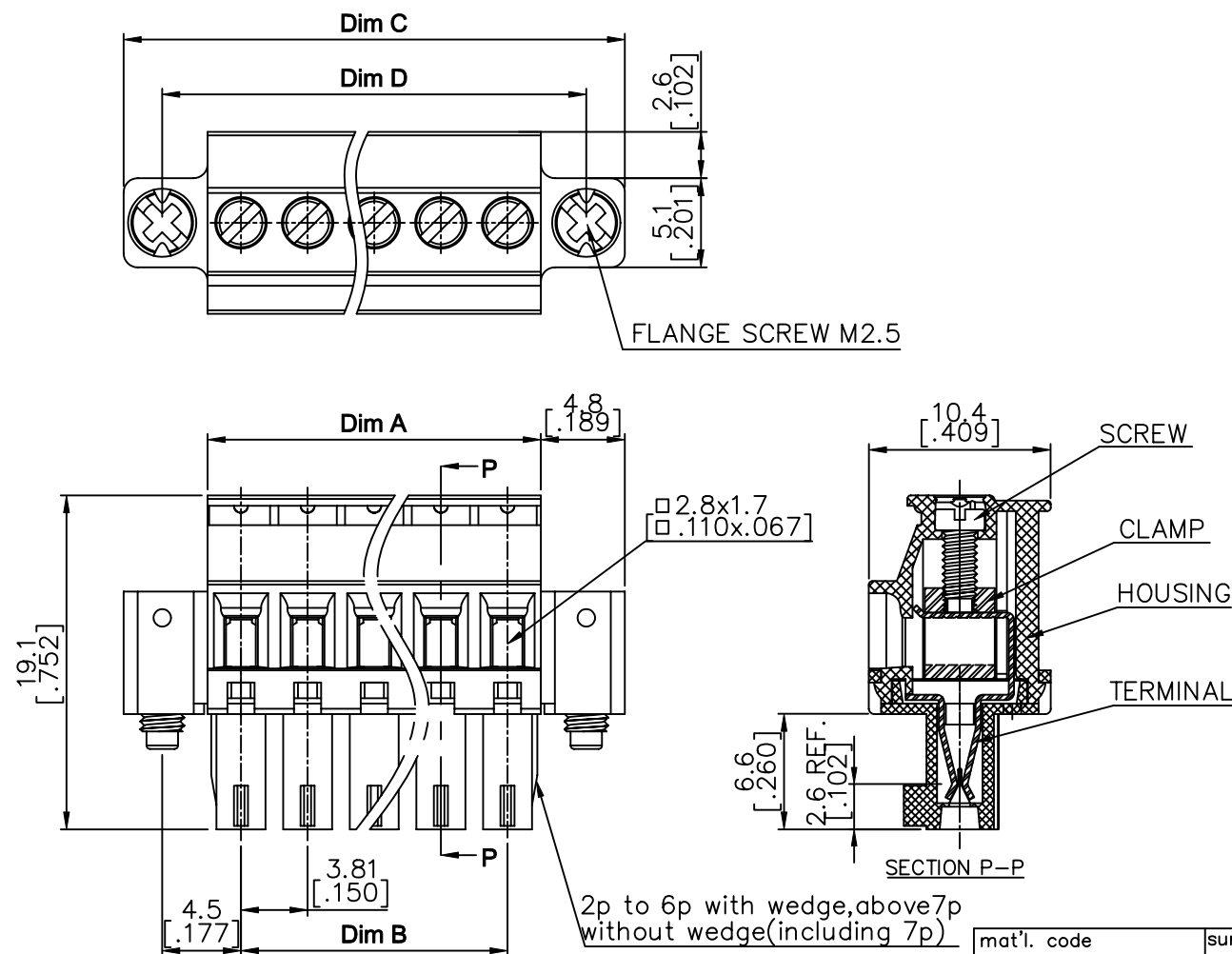
N = Number of poles

Dim A	$N \times 3.5 [.138]$
Dim B	$(N-1) \times 3.5 [.138]$
Dim C	$N \times [.138] 3.5 + 9.6 [.378]$
Dim D	$(N-1) \times 3.5 [.138] + 8.6 [.339]$

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

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
G					angles X $\pm$ 1°	scale	TERMINAL BLOCK PLUGGABLE PLUG, SIGNAL, ENTRY SIDE HOOK W/FLANGE
					total X.X $\pm$ 0.5 [.020] X.X $\pm$ 0.3 [.012] X.XX $\pm$ 0.1 [.004]		sheet 2 of 5 size
			dr	WENDY CHEN	042310		dwg no
			enr	JASON HSU	042310		20020009
			chr	GARY HSIEH	042310		A4
			appd	JOSEPH HSIA	042310		type
sheet index	revision	sheet					CUSTOMER Drawing

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



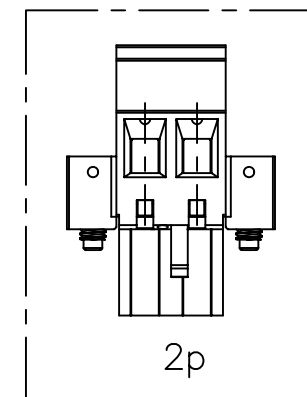
N = Number of poles

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

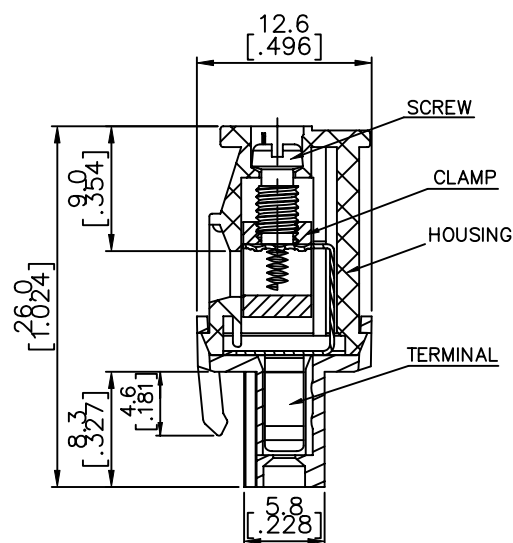
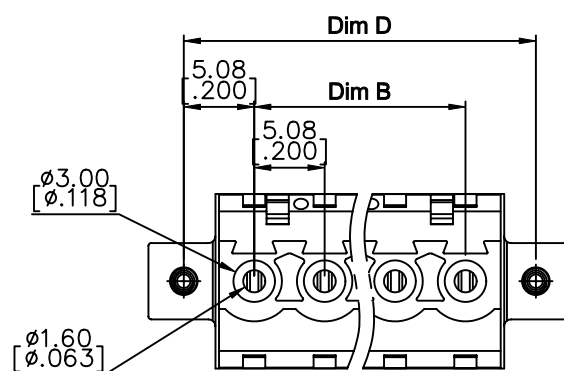
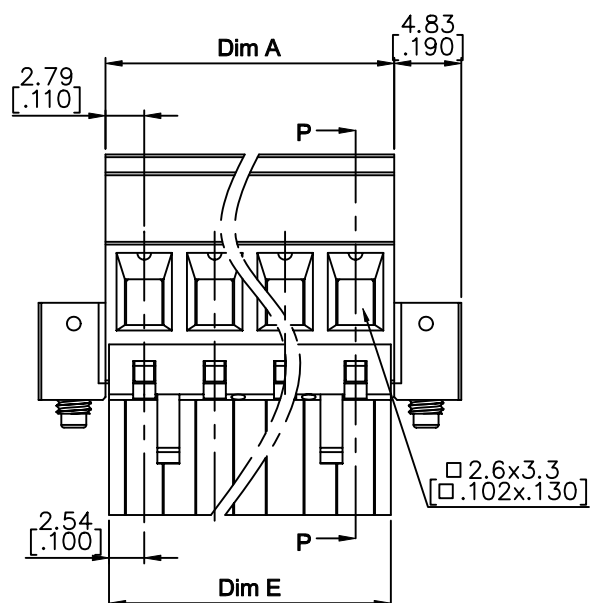
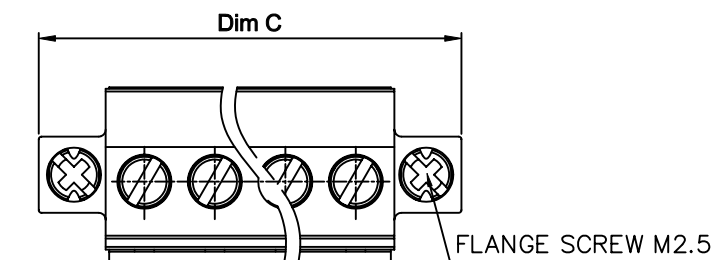
mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	tolerances unless otherwise specified			title
G				angles	X.±0.5[.020] X.X±0.3[.012] X*±1*	scale	TERMINAL BLOCK PLUGGABLE PLUG, SIGNAL, ENTRY SIDE HOOK W/FLANGE
				dr	WENDY CHEN 042310		sheet 3 of 5 size
				enr	JASON HSU 042310		20020009 A4
				chr	GARY HSIEH 042310		
				appd	JOSEPH HSIA 042310		
sheet index	revision	sheet					type CUSTOMER Drawing

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



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			
G				angles linear $X \pm 0.5 [.020]$ $X.X \pm 0.3 [.012]$ $X.XX \pm 0.1 [.004]$		MM [INCH]		scale		TERMINAL BLOCK PLUGGABLE PLUG, SIGNAL, ENTRIESD HOOK W/FLANGE			
dwg no										sheet 4 of 5 size			
20020009										A4			
dr WENDY CHEN 042310				engr JASON HSU 042310				type				CUSTOMER Drawing	
chr GARY HSIEH 042310				appd JOSEPH HSIA 042310									
sheet index				revision sheet									

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

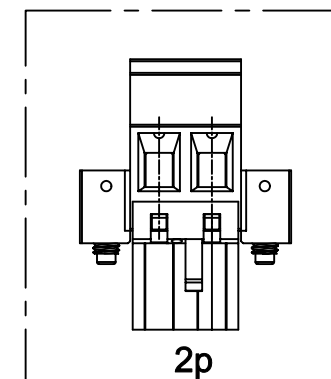


SECTION P-P

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]
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]



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