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FCIconnect.com

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

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		cULus VDE		cULus	

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

SCREW CODE

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

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

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
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK PLUGGABLE PLUG, BACK SIDE HOOK, W/FLANGE
A	T10-0082	WL	080510	angles	linear X.±0.5	MM [INCH]	
B	T10-0140	WL	090310		X.X±0.3		
C	T10-0158	WL	100410	X°±1°	X.XX±0.1	scale	
D	T11-0013	WL	040811	dr	WENDY CHEN 051810		dwg no 20020011 sheet 1 of 5 size A4
E	T-005908	WL	091311	engr	JASON HSU 051810		
				chr	GARY HSIEH 051810		
				appd	JOSEPH HSIA 051810		type: CUSTOMER Drawing

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

form: A4mmXLc

PDS: Rev :E

STATUS:Released

Printed: Sep 23 2011

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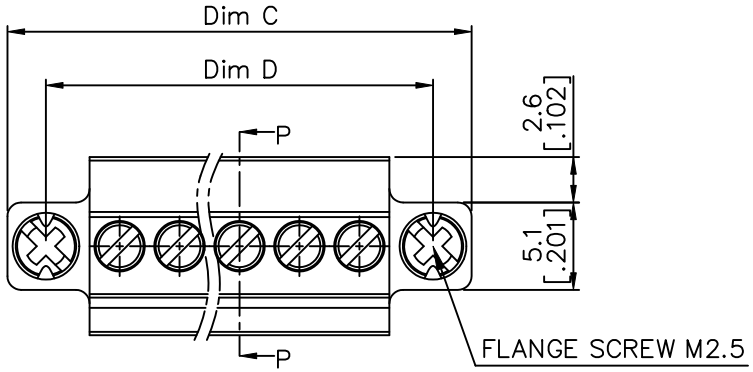
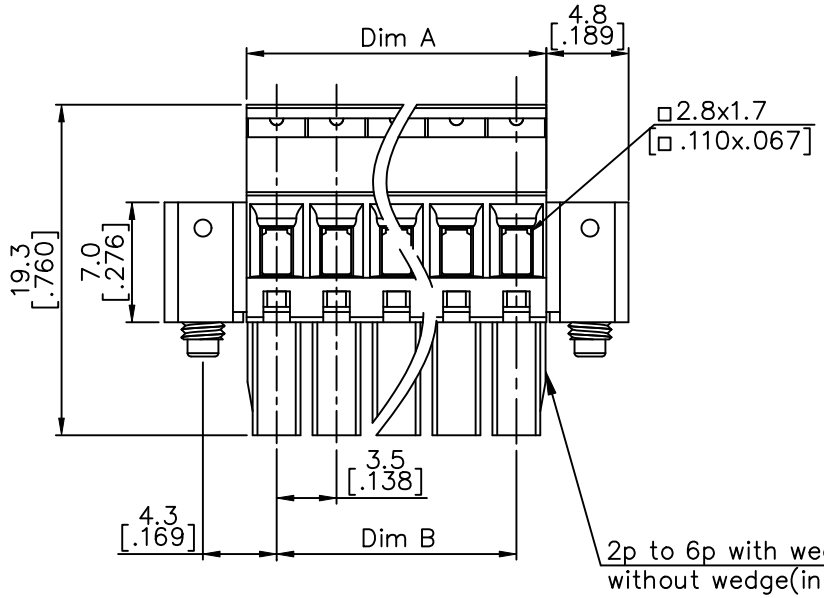
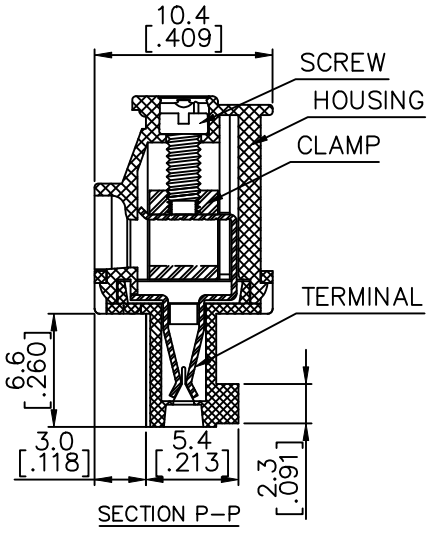
PRODUCT NUMBER	SERIES NAME	PITCH
20020011-CXXXXXXLF	02-350	3.50 mm







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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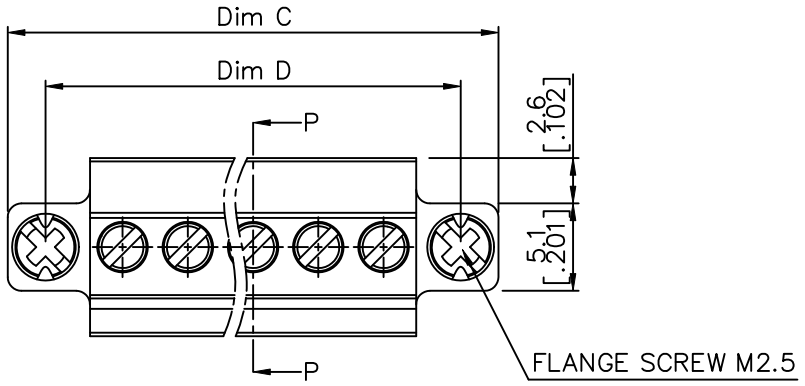
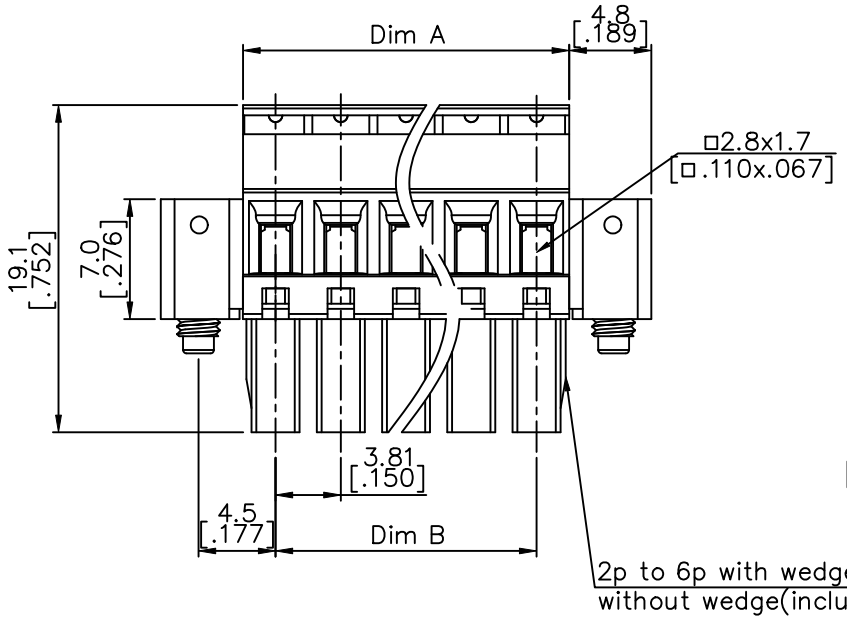
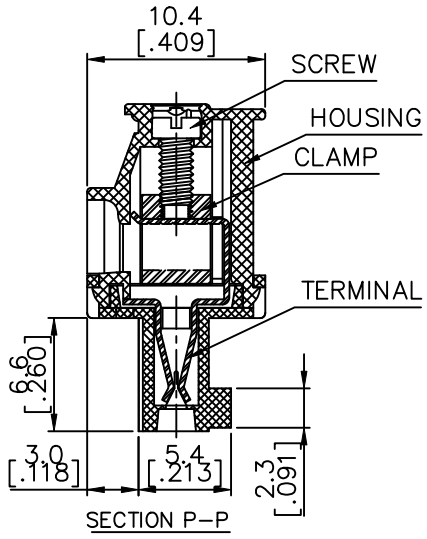
PRODUCT NUMBER	SERIES NAME	PITCH
20020011-DXXXXXXLF	02-381	3.81 mm







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]

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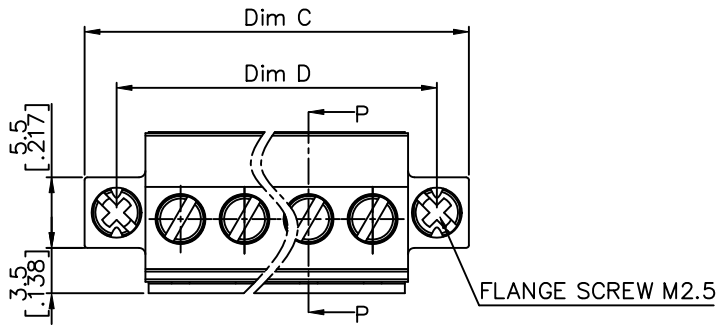
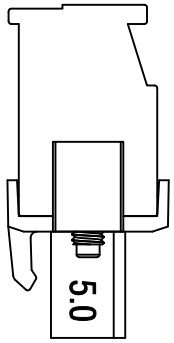
PRODUCT NUMBER	SERIES NAME	PITCH
20020011-GXXXXXXLF	02-500	5.00 mm

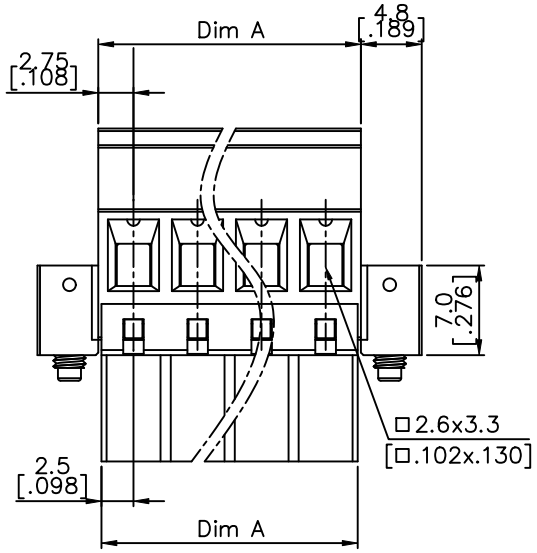


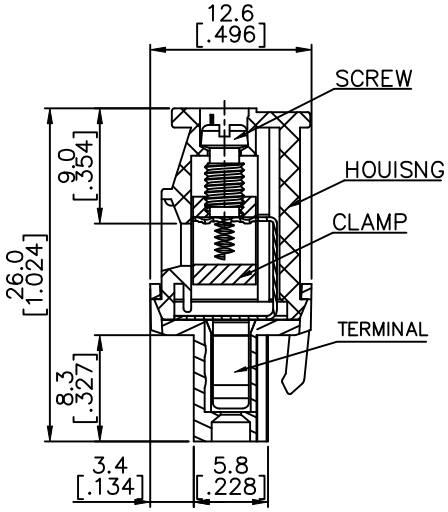
N = Number of poles

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]

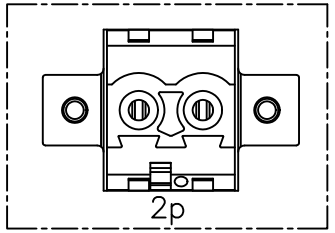
poles	Tolerance
2-6p	±0.15[.006]
7-12p	±0.20[.008]
13-18p	±0.30[.012]
19-24p	±0.40[.016]

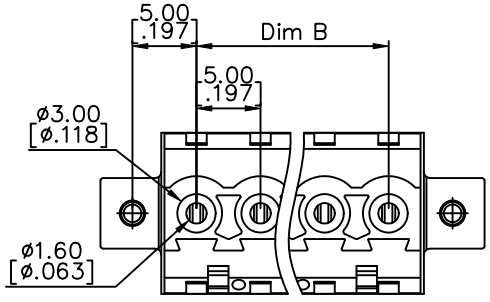






SECTION P-P





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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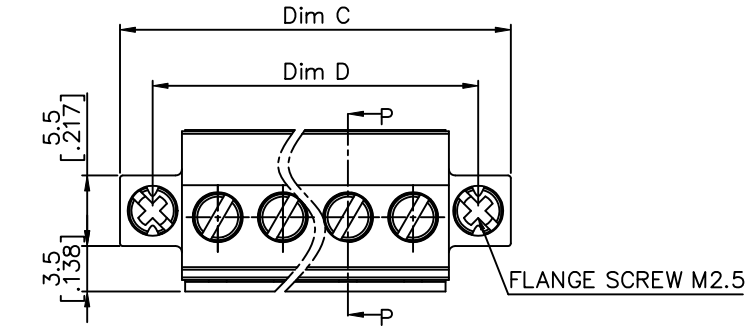
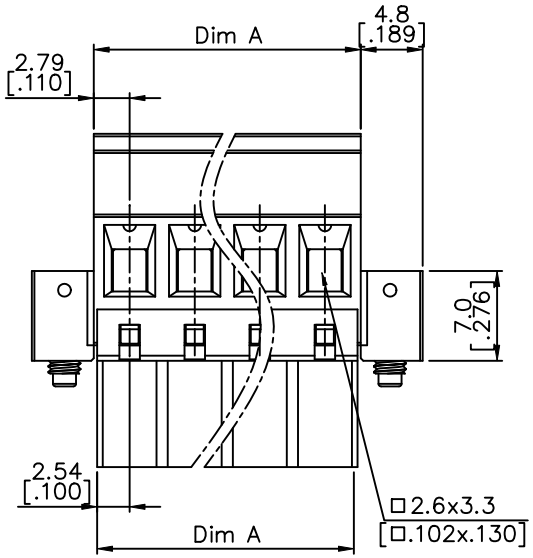
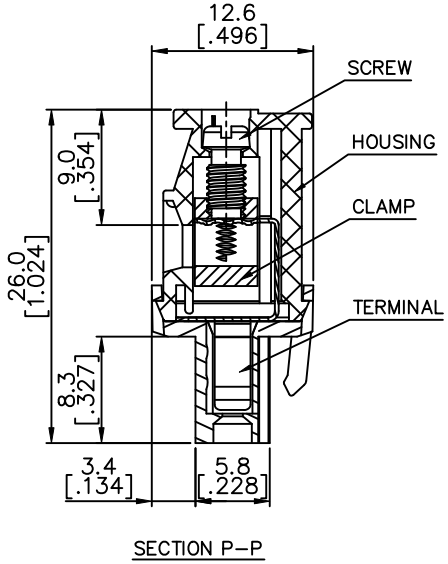
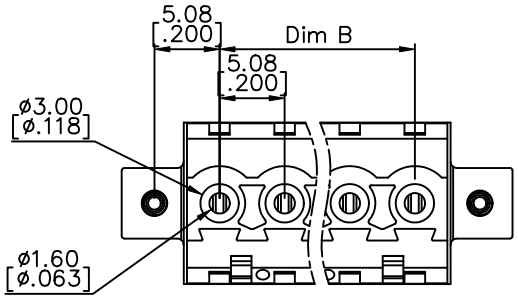
PRODUCT NUMBER	SERIES NAME	PITCH
20020011-HXXXXXXLF	02-508	5.08 mm







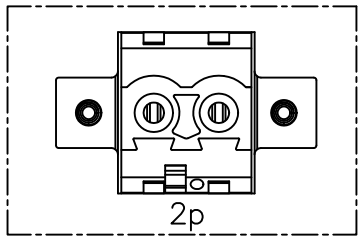
SECTION P-P



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]



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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:
20020011-G081B01LF 20020011-H081B01LF 20020011-G021B01LF 20020011-H031B01LF 20020011-H061B01LF 20020011-G041B01LF 20020011-G101B01LF 20020011-H021B01LF 20020011-H041B01LF 20020011-G061B01LF 20020011-H101B01LF 20020011-G031B01LF