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1	2
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PRODUCT NUMBER

200202-XXXXXXLF

20020202-

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

16: 16 POLES

LF : DENOTED ROHS COMPATIBLE

2 : TAPE & REEL PACKAGING

PROPERTY TABLE

PROPERTY TABLE				
FCI SERIES NAME	06-350	06-381	06-500	06-508
PITCH (mm)	3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)	300	300	300	300
CURRENT RATING (A)	10	10	12	12
WITHSTANDING VOLTAGE (kV)	1.6	1.6	1.6	1.6
OPERATING TEMP. (°C)	-40~+65	-40~+65	-40~+65	-40~+65
SOLDERING TEMP. (°C)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE	02~16	02~16	02~12	02~12
SAFETY CERTIFICATE	PENDING		PENDING	

- HOUSING CODE

CODE	COLOR	PROCESS
6	BLACK(RAL 9005)	PIP(NOTE 6)

NOTES:

1. MATERIAL:

- 1-1. TERMINAL: COPPER, TIN PLATED.
- 1-2. HOUSING: THERMOPLASTIC RESIN, UL94V-0 RATED.
- 1-3. FLANGE NUT: STEEL, M2.5, ZINC PLATED.
- 1-4. COVER: THERMOPLASTIC RESIN, UL94V-0 RATED.
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.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 5 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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			LS	071912	angles	incht	X.±0.5				TERMINAL BLOCK					
							X.X±0.3				PLUGGABLE, SOCKET, SIGNAL, STRAIGHT					
					X'±1'		X.XX±0.1		scale		W/FLANGE(PIP)					
					dr	LEIF SHEN	041911				dwg no		sheet 1 of 5		size	
					engr	LEIF SHEN	041911				20020202		A4			
					chr	LEIF SHEN	041911									
					appd	JOSEPH HSIA	041911									
sheet index		revision sheet		A 1	A 2	A 3	A 4	A 5								

form: A4mmXLc

1

2

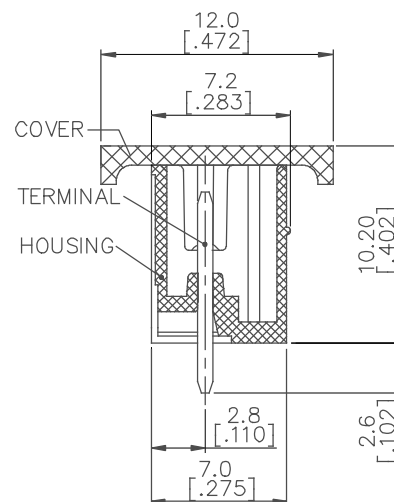
4

4

1 | 2



POLES	TOLERANCE
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.30[.012]$

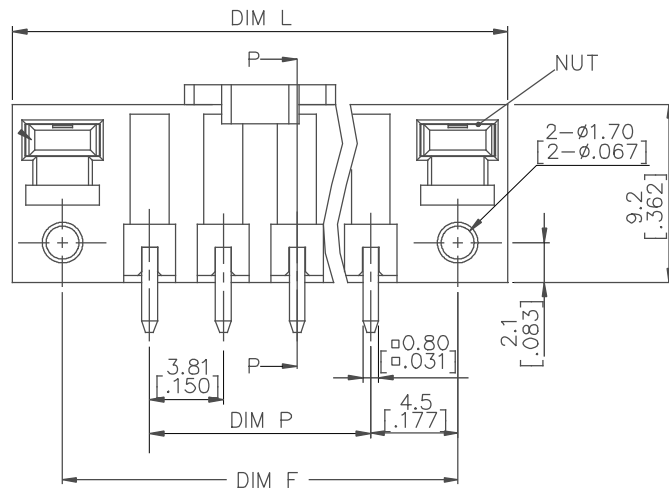
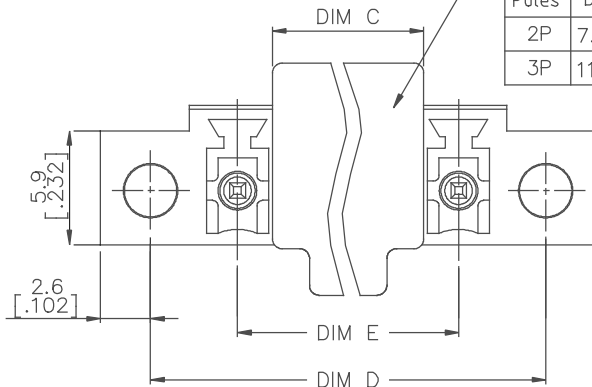


form: A4mmXLc

PRODUCT NUMBER	SERIES NAME	PITCH
20020202-DXXXXXXLF	06-381	3.81 mm

3P Cover for odd poles
2P Cover for even poles

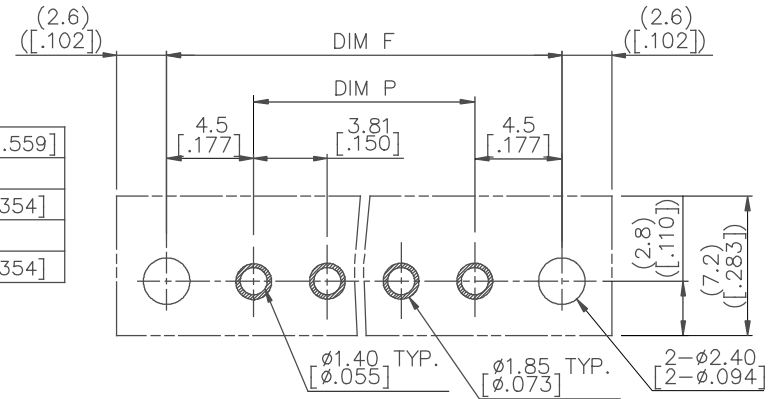
Poles	DIM C
2P	7.81[.307]
3P	11.62[.457]



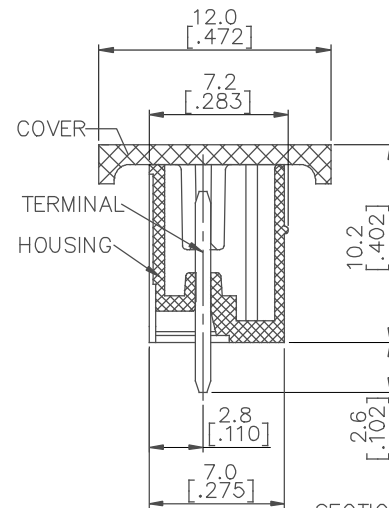
N= Number of poles

DIM L	$(N-1)*3.81[.150]+14.2[.559]$
DIM P	$(N-1)*3.81[.150]$
DIM D	$(N-1)*3.81[.150]+9.0[.354]$
DIM E	$(N-1)*3.81[.150]$
DIM F	$(N-1)*3.81[.150]+9.0[.354]$

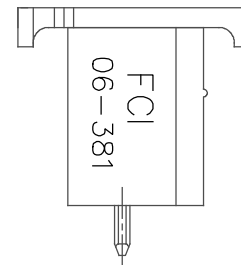
POLES	TOLERANCE
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.20[.008]$
13p-16p	$\pm 0.30[.012]$



RECOMMENDED PCB LAYOUT

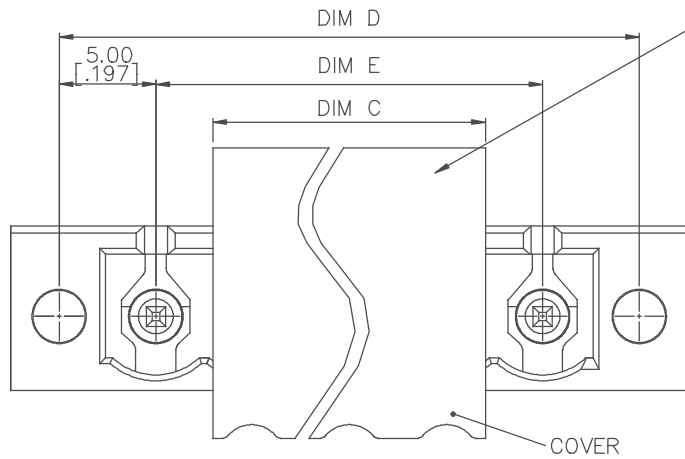


SECTION P-P



mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM [INCH]	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE(PIP)
A				dwg no 20020202
				sheet 3 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			

PRODUCT NUMBER	SERIES NAME	PITCH
20020202-GXXXXXL	06-500	5.00 mm



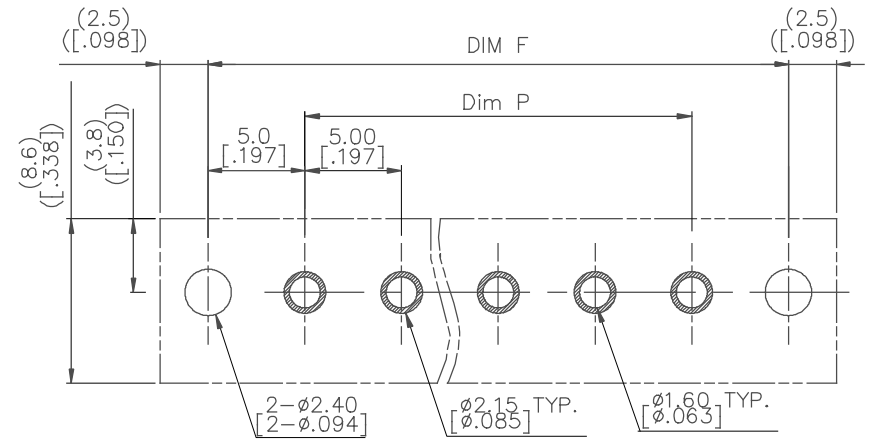
3P Cover for odd poles
2p Cover for even poles

Poles	DIM C
2P	9.04 [.356]
3P	14.08 [.554]

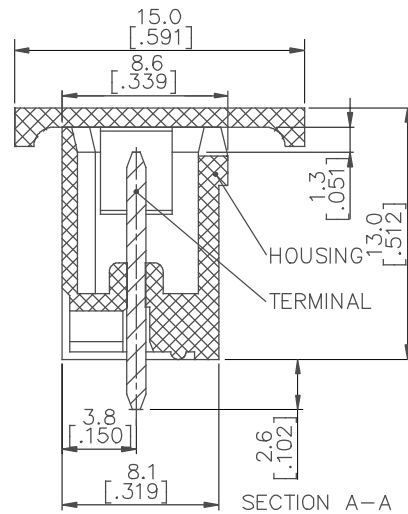
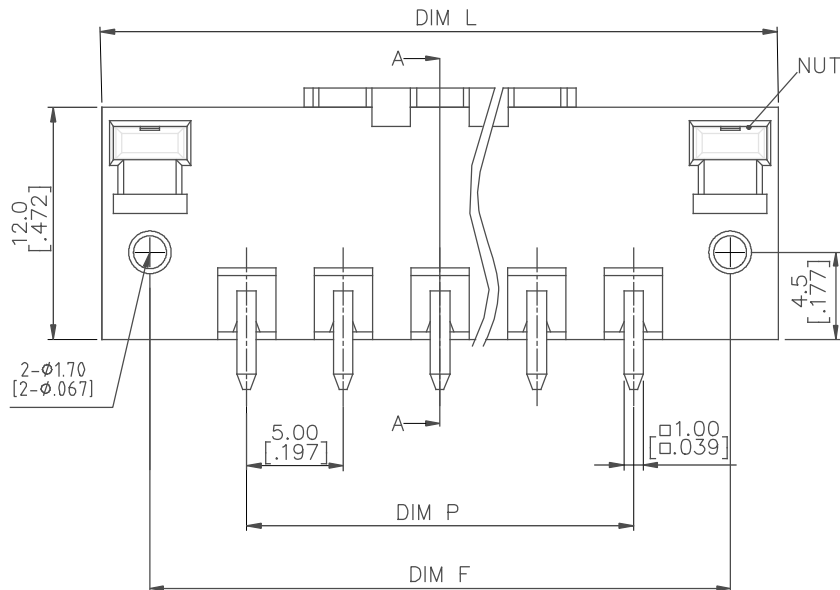
N= NUMBER OF POLES

DIM L	(N+2)*5.0 [.197]
DIM P	(N-1)*5.0 [.197]
DIM D	(N+1)*5.0 [.197]
DIM E	(N-1)*5.0 [.197]
DIM F	(N+1)*5.0 [.197]

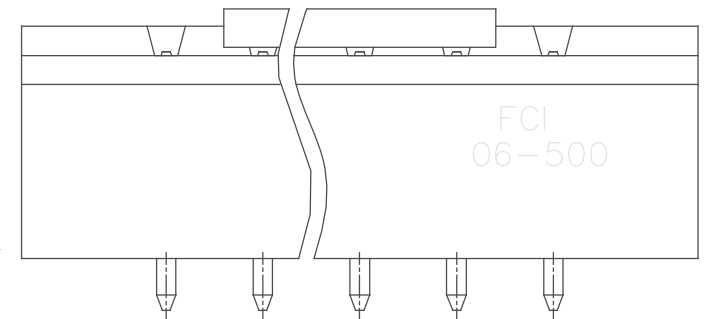
POLES	TOLERANCE
2-3p	±0.15 [.006]
4-8p	±0.20 [.008]
9-12p	±0.25 [.010]



RECOMMENDED PCB LAYOUT



SECTION A-A



mat'l. code	surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK PLUGGABLE, SOCKET, SIGNAL, STRAIGHT W/FLANGE(PIP)
A				dwg no 20020202
				sheet 4 of 5
				size A4
				type CUSTOMER Drawing
sheet index	revision sheet			



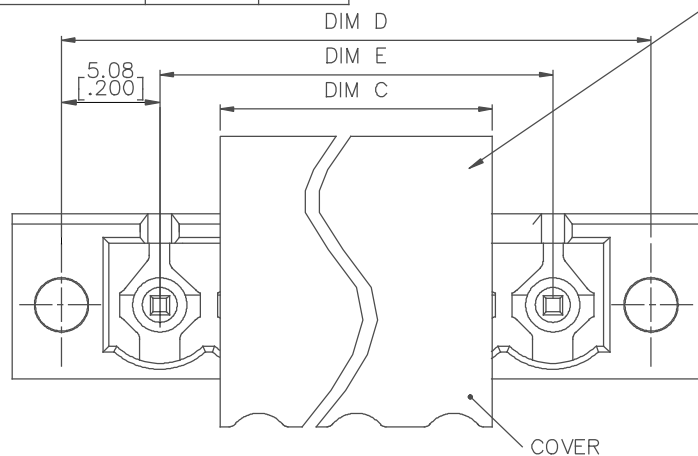
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PRODUCT NUMBER	SERIES NAME	PITCH
20020202-HXXXXXXLF	06-508	5.08 mm



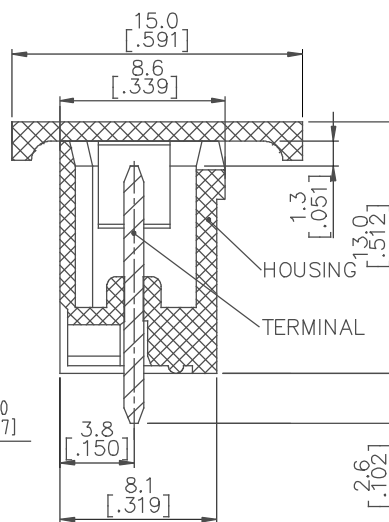
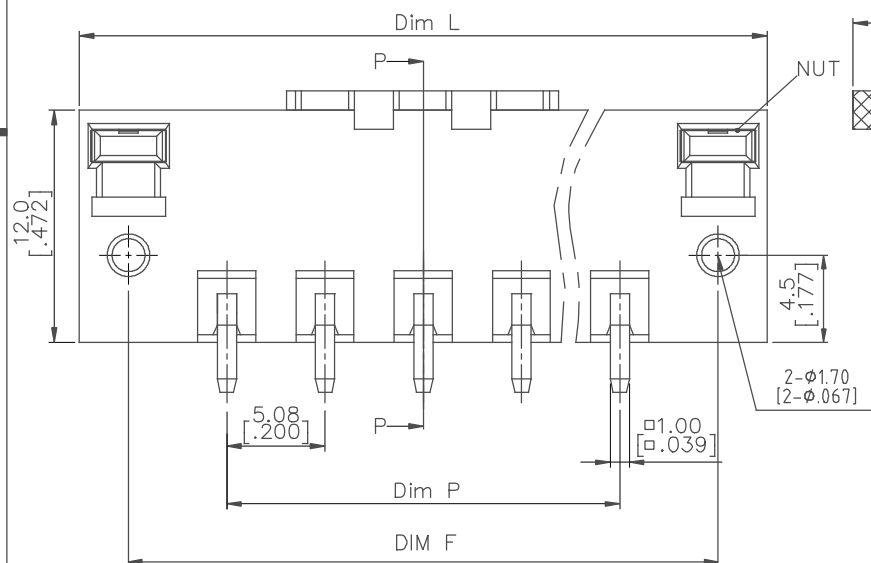
3P Cover for odd poles
2P Cover for even poles

Poles	DIM C
2P	9.04[.356]
3P	14.08[.554]

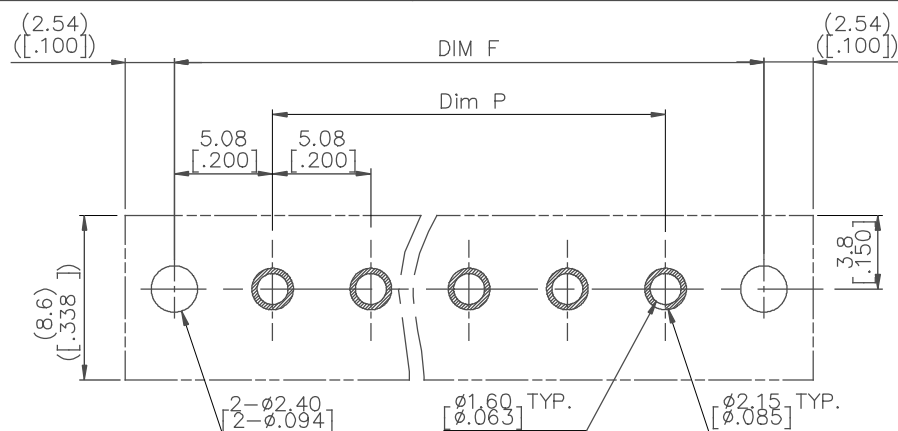
N= NUMBER OF POLES

DIM L	$(N+2)*5.08[.200]$
DIM P	$(N-1)*5.08[.200]$
DIM D	$(N+1)*5.08[.200]$
DIM E	$(N-1)*5.08[.200]$
DIM F	$(N+1)*5.08[.200]$

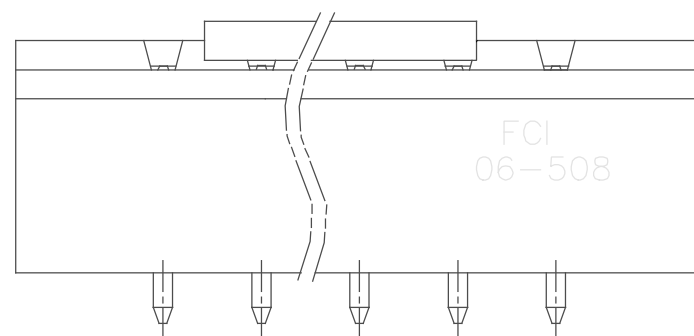
POLES	TOLERANCE
2-3p	$\pm 0.15[.006]$
4-8p	$\pm 0.20[.008]$
9-12p	$\pm 0.25[.010]$



SECTION P-P



RECOMMENDED PCB LAYOUT

[illegible]