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PRODUCT NUMBER
20020107-XXXXXXXLF

20020107- □ □ □ □ A 0 □ L F

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

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
5	YELLOW(RAL 1018)	ON REQUEST ONLY

1 : STANDARD PRODUCT W/ BOX PACKING

LF : DENOTED RoHS COMPATIBLE

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)	cULus	10	10	12	12
	VDE	10.5	10.5	NA	NA
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
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~24	02~24	02~24	02~24
SAFETY CERTIFICATE		cULus VDE		cULus	

NOTES:
MATERIALS
1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
1-2 TERMINAL: COPPER ALLOY, TIN PLATED.
2. PRODUCTION 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.
6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

ltr	ecn no	dr	date
E	T10-0159	WL	100410
F	T10-0187	WL	121410
G	T11-0013	WL	040811
H	T-004330	WL	063011
J	T-004746	WL	072011

dr	BEER FU	062509
engr	BEER FU	062509
chr	GARY HSIEH	062509
appd	JOSEPH HSIA	062509

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

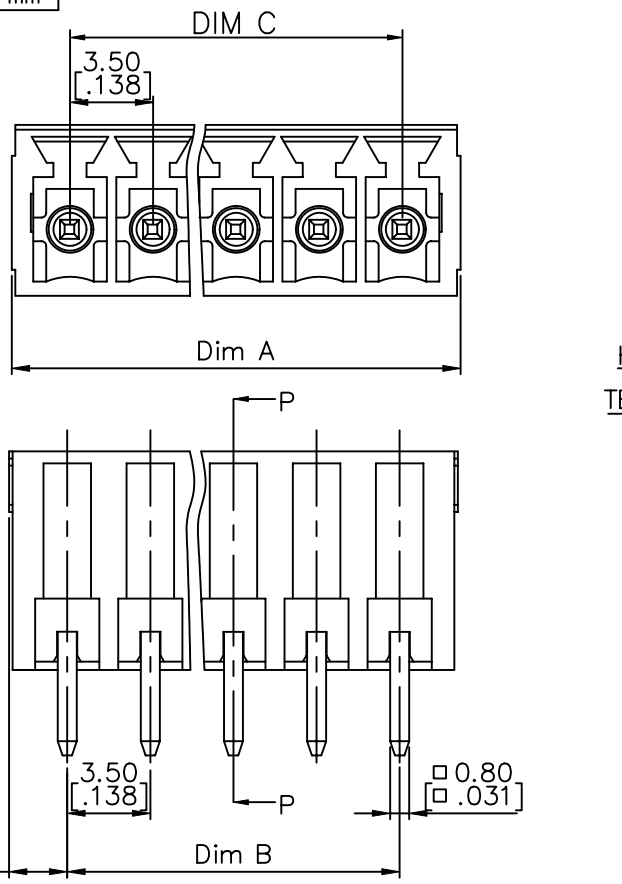
sheet index	revision	J	J	J	J	J
	sheet	1	2	3	4	5

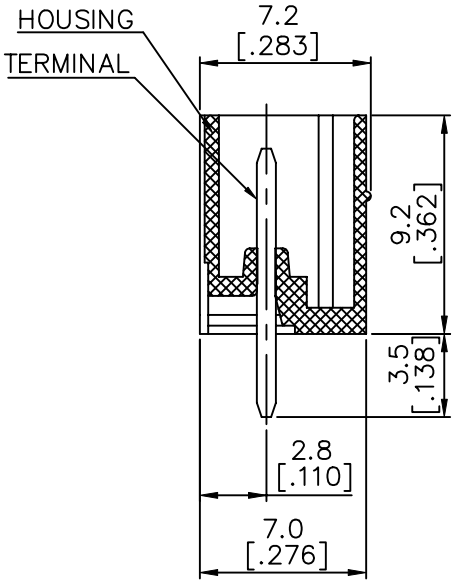
product family: TERMINAL BLOCK
title: TERMINAL BLOCK PLUGGABLE SOCKET, STRAIGHT
dwg no: 20020107
sheet 1 of 5
size: A4
type: CUSTOMER Drawing

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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-CXXXXXXLF	06-350	3.50 mm



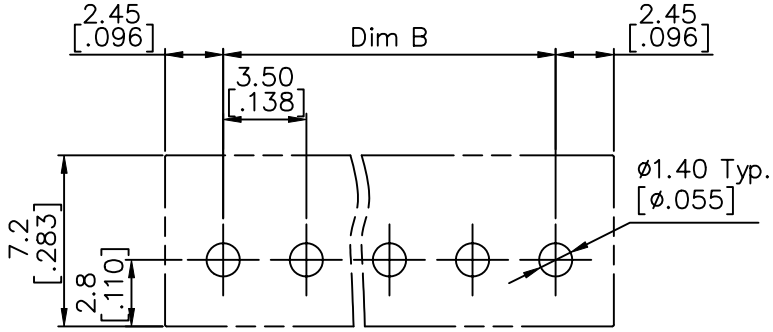


SECTION P-P

N= NUMBER OF POLES

DIMENSION	
Dim A	(N-1)*3.5[.138]+4.9[.193]
Dim B	(N-1)X3.5[.138]
Dim C	(N-1)X3.5[.138]

Poles	Tolerance
2P-6P	±0.15[.006]
7P-12P	±0.20[.008]
13P-18P	±0.25[.010]
19P-24P	±0.30[.012]



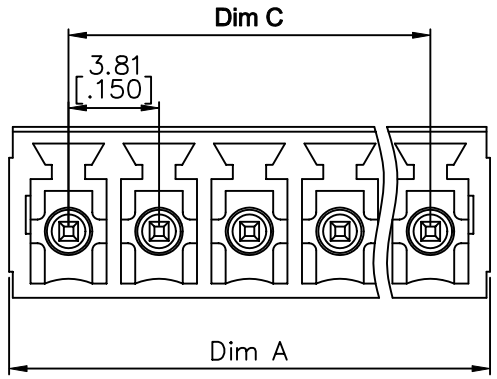
RECOMMENDED P.C.B LAYOUT

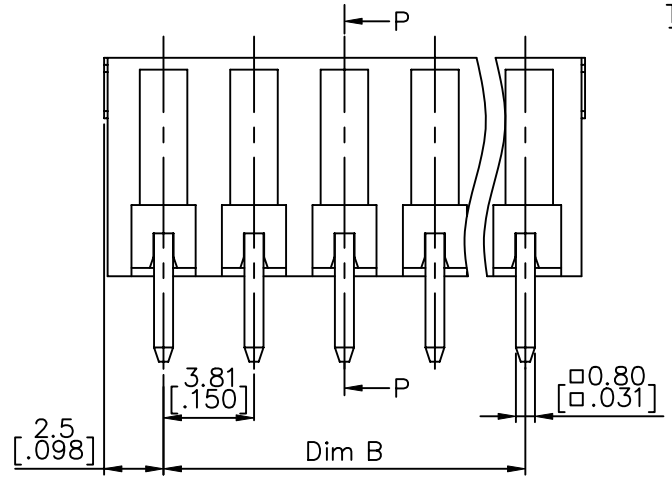
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
J				angles	linear: X. ±0.5[.020]	MM [INCH]	TERMINAL BLOCK
				X°±1°	X.X ±0.3[.012]		PLUGABLE, SOCKET, SIGNAL, VERTICAL
					X.XX ±0.1[.004]	scale	
				dr	BEER FU	062509	dwg no: 20020107 sheet 2 of 5 size A4
				engr	BEER FU	062509	
				chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	type: CUSTOMER Drawing
sheet index	revision sheet						

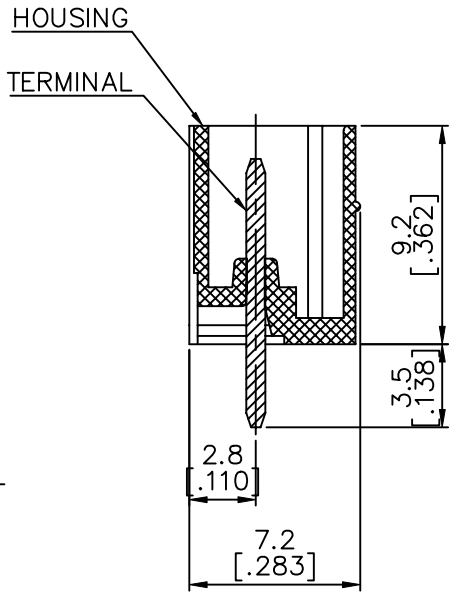
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PRODUCT NUMBER	SERIES NAME	PITCH
20020107-DXXXXXXLF	06-381	3.81 mm





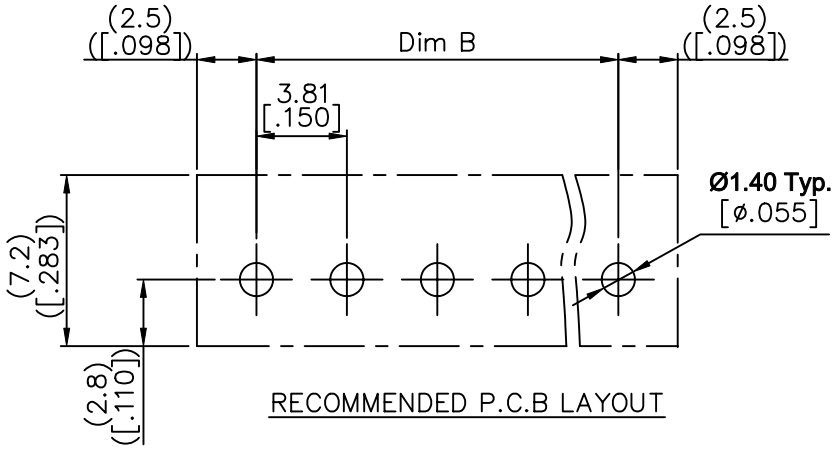


SECTION P-P

N= NUMBER OF POLES
DIMENSION

Dim A	(N-1)*3.81[.150]+5.0[.197]
Dim B	(N-1)X3.81[.150]
Dim C	(N-1)X3.81[.150]

Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.20[.008]
13p-16p	±0.25[.010]
17p-24p	±0.30[.012]



RECOMMENDED P.C.B LAYOUT

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														
J					angles	linear	X. ±0.5[.020]		MM [INCH]		title								
					X°±1°		X.X ±0.3[.012]				TERMINAL BLOCK PLUGABLE, SOCKET, SIGNAL, VERTICAL								
							X.XX ±0.1[.004]		scale										
					dr	BEER FU	062509				dwg no 20020107							sheet 3 of 5	size A4
					engr	BEER FU	062509												
					chr	GARY HSIEH	062509												
					appd	JOSEPH HSIA	062509				type CUSTOMER Drawing								
sheet index	revision sheet																		

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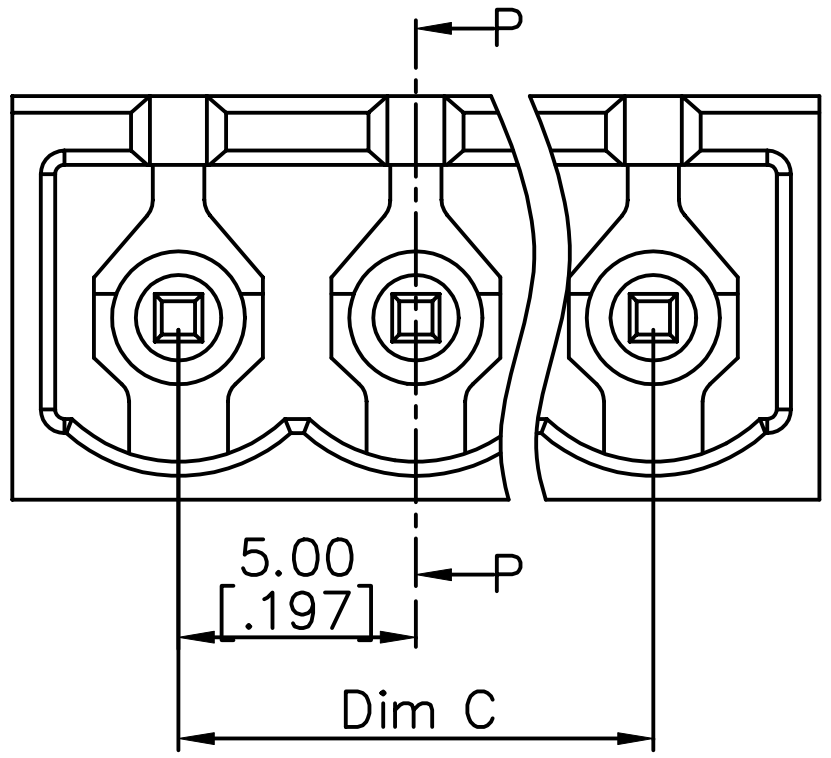
FCIconnect.com

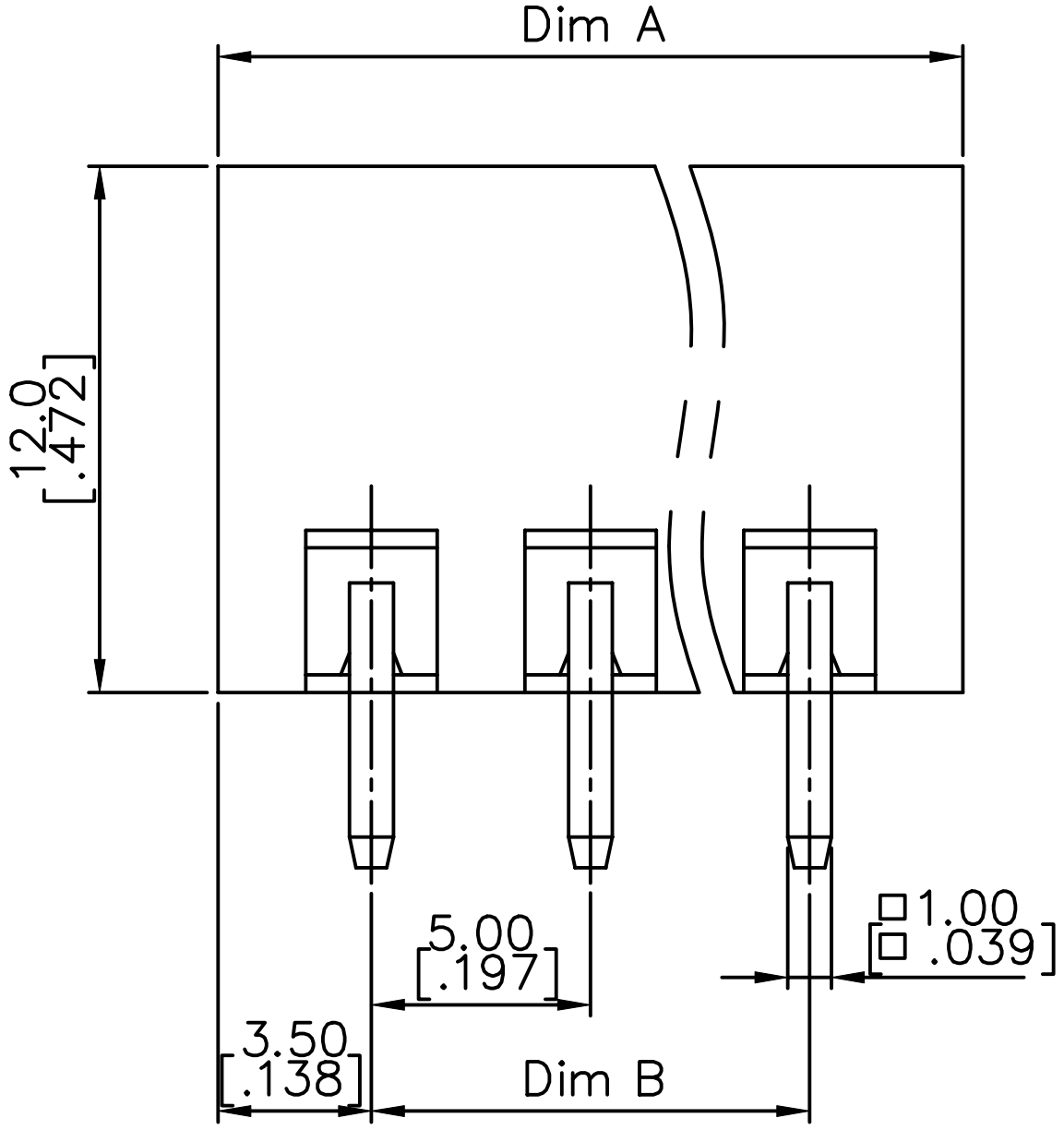
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20020107-GXXXXXXLF	06-500	5.00 mm

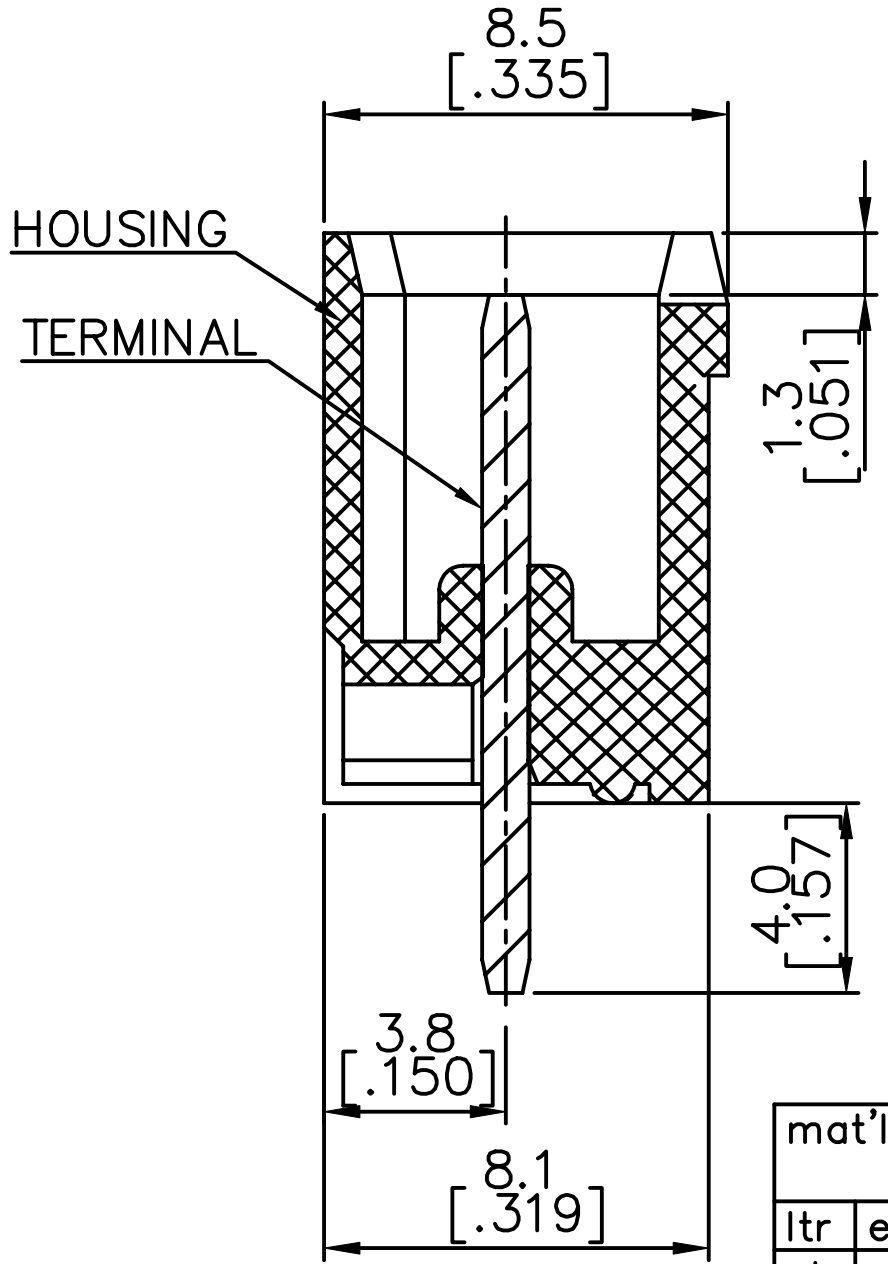
N = NUMBER OF POLES
DIMENSION

Dim A	N*5.0[.197]+2.0[.079]
Dim B	(N-1)*5.0[.197]
Dim C	(N-1)*5.0[.197]

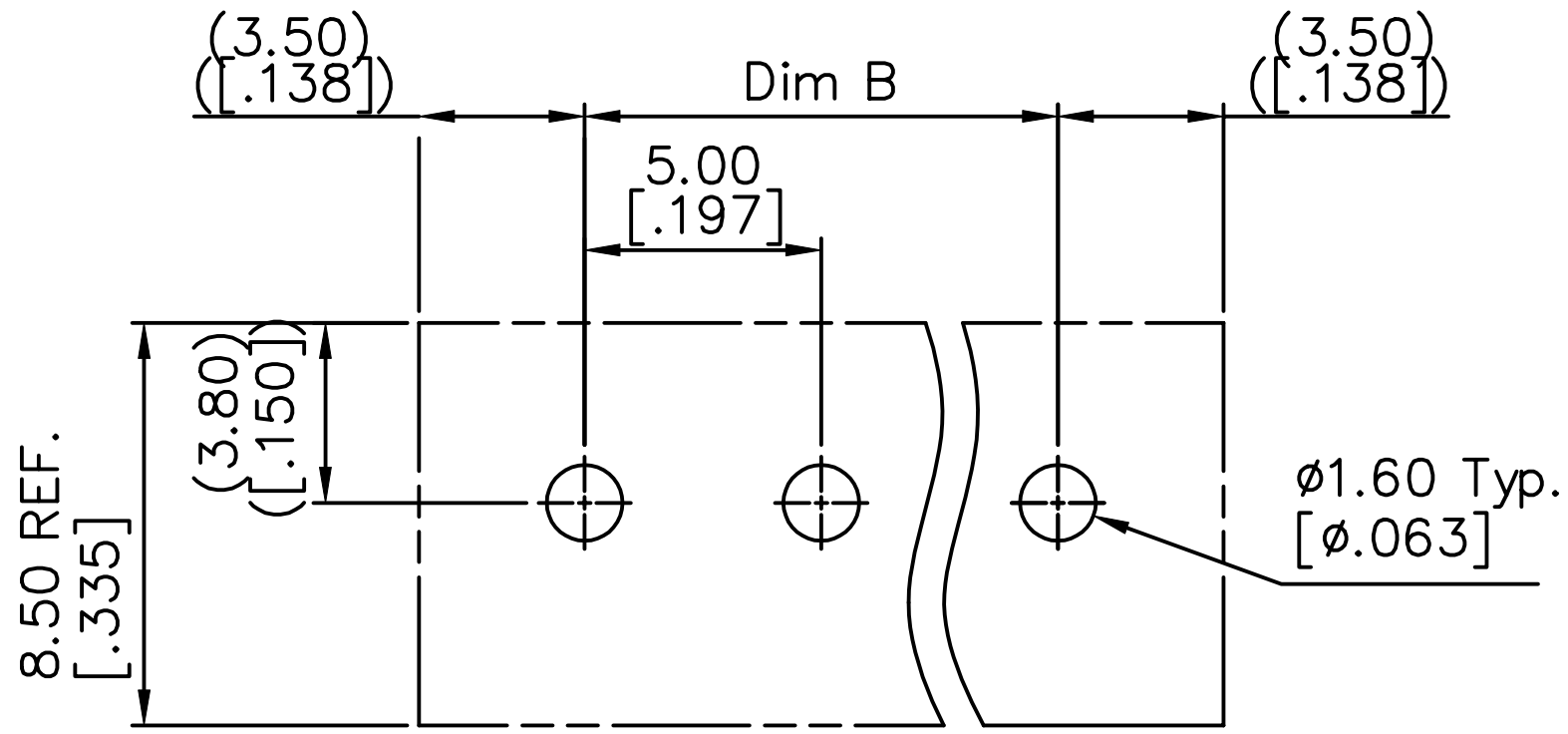
Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.25[.010]
13p-16p	±0.35[.014]
17p-24p	±0.40[.016]







SECTION P-P



RECOMMENDED P.C.B LAYOUT

mat'l. code	surface ASME Y14.5 √	tolerance ASME Y14.5
ltr: J / ecn no / dr / date	tolerances unless otherwise specified	projection
	angles X°±1° ; linear X. ±0.5[.020], X.X ±0.3[.012], X.XX ±0.1[.004]	MM [INCH]
	dr BEER FU 062509	scale
	engr BEER FU 062509	
	chr GARY HSIEH 062509	
	appd JOSEPH HSIA 062509	
sheet index	revision sheet	

product family: TERMINAL BLOCK

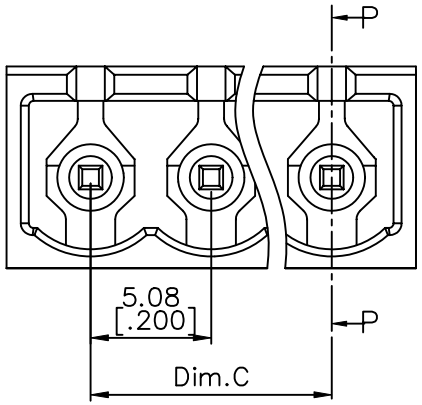
title: TERMINAL BLOCK PLUGABLE, SOCKET, SIGNAL, VERTICAL

dwg no: 20020107 | sheet 4 of 5 | size A4

type: CUSTOMER Drawing

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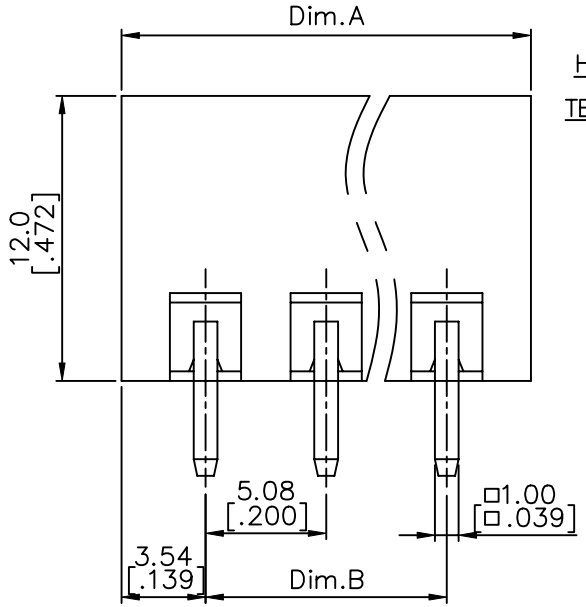
PRODUCT NUMBER	SERIES NAME	PITCH
20020107-HXXXXXXLF	06-508	5.08 mm

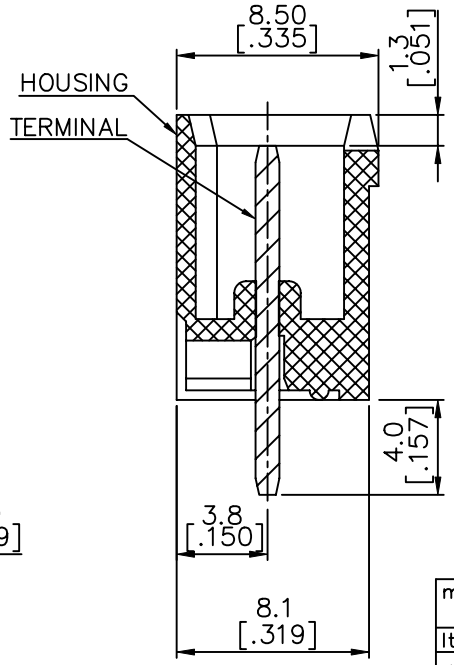


N = NUMBER OF POLES
DIMENSION

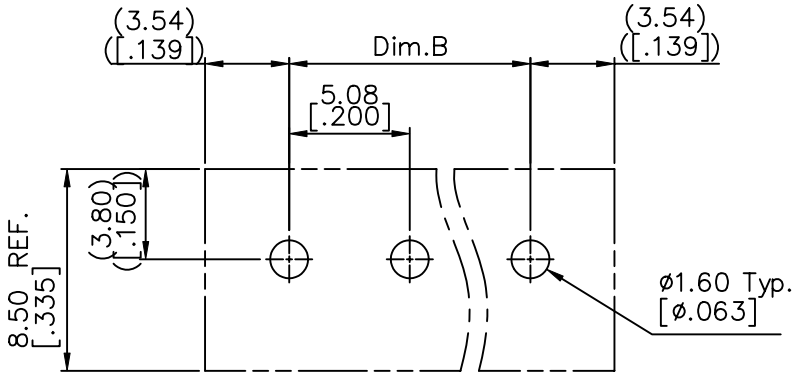
Dim A	N*5.08[.200]+2.0[.079]
Dim B	(N-1)*5.08[.200]
Dim C	(N-1)*5.08[.200]

Poles	Tolerance
2p-6p	±0.15[.006]
7p-12p	±0.25[.010]
13p-16p	±0.35[.014]
17p-24p	±0.40[.016]





SECTION P-P



RECOMMENDED P.C.B LAYOUT

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
J				angles	linear X. ±0.5[.020]	MM [INCH]	TERMINAL BLOCK
				X°±1°	X.XX ±0.3[.012]		PLUGABLE, SOCKET, SIGNAL, VERTICAL
					X.XX ±0.1[.004]	scale	
				dr	BEER FU 062509		dwg no 20020107 sheet 5 of 5 size A4
				engr	BEER FU 062509		
				chr	GARY HSIEH 062509		
				appd	JOSEPH HSIA 062509		type CUSTOMER Drawing
sheet index	revision sheet						