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PRODUCT NUMBER
20020316-XXXXXXXLF

20020316- □ □ □ □ □ 0 □ LF

PITCH
G: 5.00 mm
H: 5.08 mm

POLES
02: 2 POLES
03: 3 POLES
04: 4 POLES
|
24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

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

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			21-500	21-508
PITCH (mm)			5.00	5.08
VOLTAGE RATING (VAC)			300	300
CURRENT RATING (A)			16	16
APPLICABLE WIRE RANGE (AWG)		1-WIRE	12~28	12~28
		2-WIRE	18~28	18~28
WIRE CROSS SECTION (mm^2)	SOLID	1-WIRE	2.5	2.5
		2-WIRE	1	1
	STRANDED	1-WIRE	1.5	1.5
		2-WIRE	0.75	0.75
OPENING CONTACT HOUSING(mm)			2.1*2.7	2.1*2.7
WIRE STRIP LENGTH(mm)			6~7	6~7
TORQUE +/-10% (N-m/Lb-in)			0.40/3.5	0.40/3.5
SCREW			M3x0.5	M3x0.5
WITHSTANDING VOLTAGE (kV)			1.6	1.6
OPERATING TEMP. (℃)			-40~+115	-40~+115
SOLDERING TEMP. (℃)			250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE			02~24	02~24
SAFETY CERTIFICATE			PENDING	c UL us

NOTES:
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. 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
D	T10-0042	WL	030310
E	T10-0083	WL	062210
F	T10-0159	WL	100410
G	T10-0187	WL	121410
H	T-004746	WL	072011

sheet index	revision		
sheet		1	2
revision	H	H	H

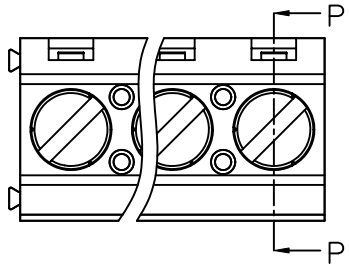
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tolerance ASME Y14.5
projection
tolerances unless otherwise specified
angles X°±1°
linear X.±0.5[.020] / X.X±0.3[.012] / X.XX±0.1[.004]
MM [INCH]
scale

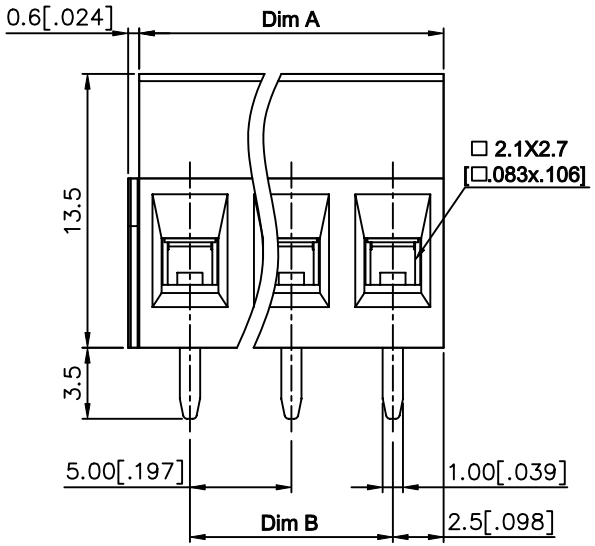
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engr	BEER FU	062509
chr	GARY HSIEH	062509
appd	JOSEPH HSIA	062509

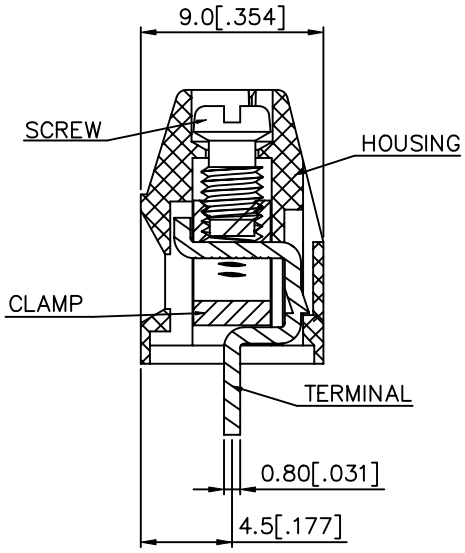
product family: TERMINAL BLOCK
title: TERMINAL BLOCK
FIXED HORIZONTAL WIRE INLET
dwg no 20020316
sheet 1 of 3
size A4
type CUSTOMER Drawing

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PRODUCT NUMBER	SERIES NAME	PITCH
20020316-GXXXXXXLF	21-500	5.00 mm





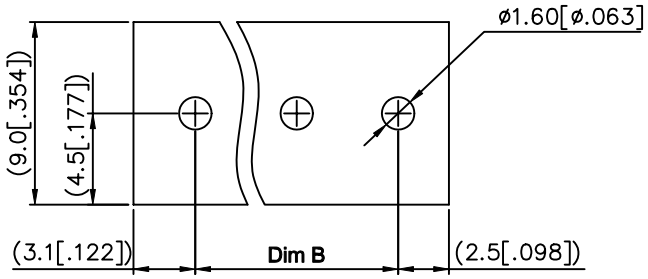


SECTION P-P

N=NUMBER OF POLES

Dim A	N*5.0[.197]
Dim B	(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]



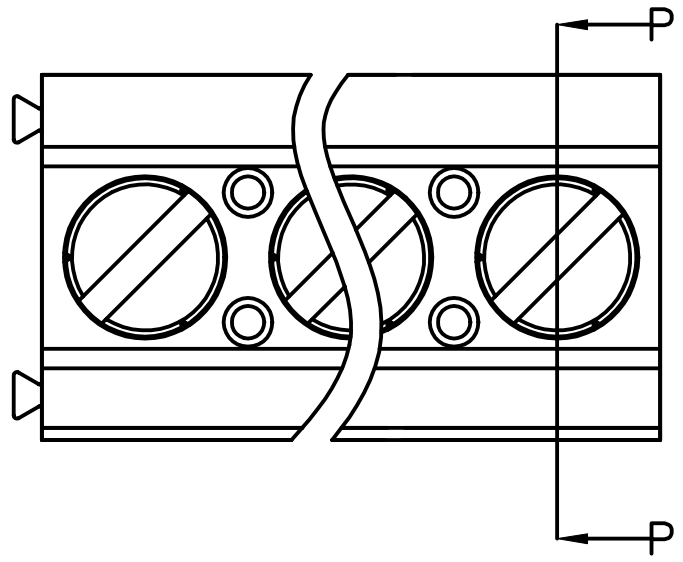
P.C.B LAYOUT

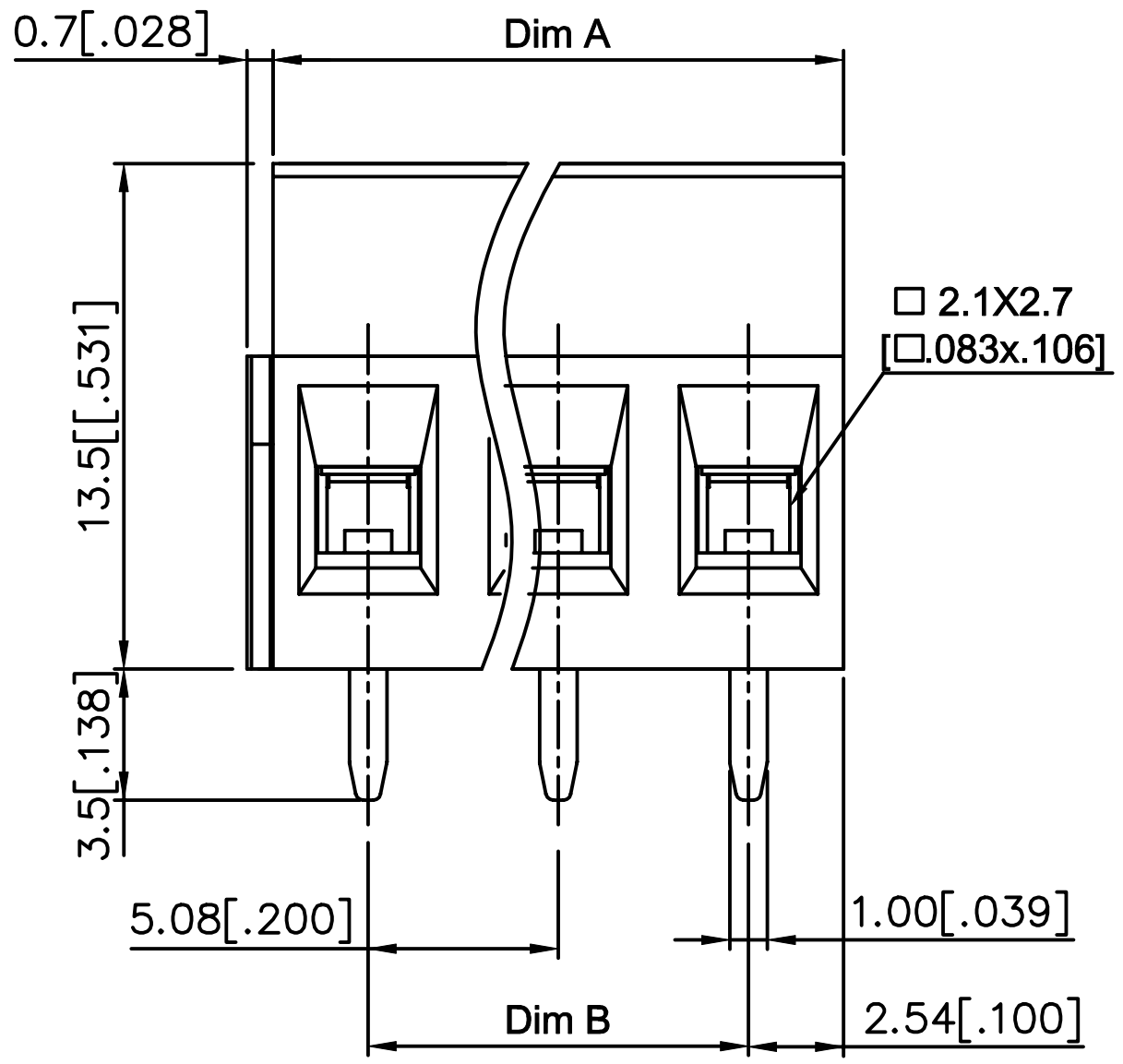
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK FIXED HORIZONTAL WIRE INLET
H				angles / linear: X.±0.5[.020]		MM [INCH]	
					X.X±0.3[.012]		
				X°±1°	X.XX±0.1[.004]	scale	
				dr	BEER FU	062509	dwg no: 20020316 sheet 2 of 3 size: A4
				engr	BEER FU	062509	
				chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	type: CUSTOMER Drawing
sheet index	revision sheet						

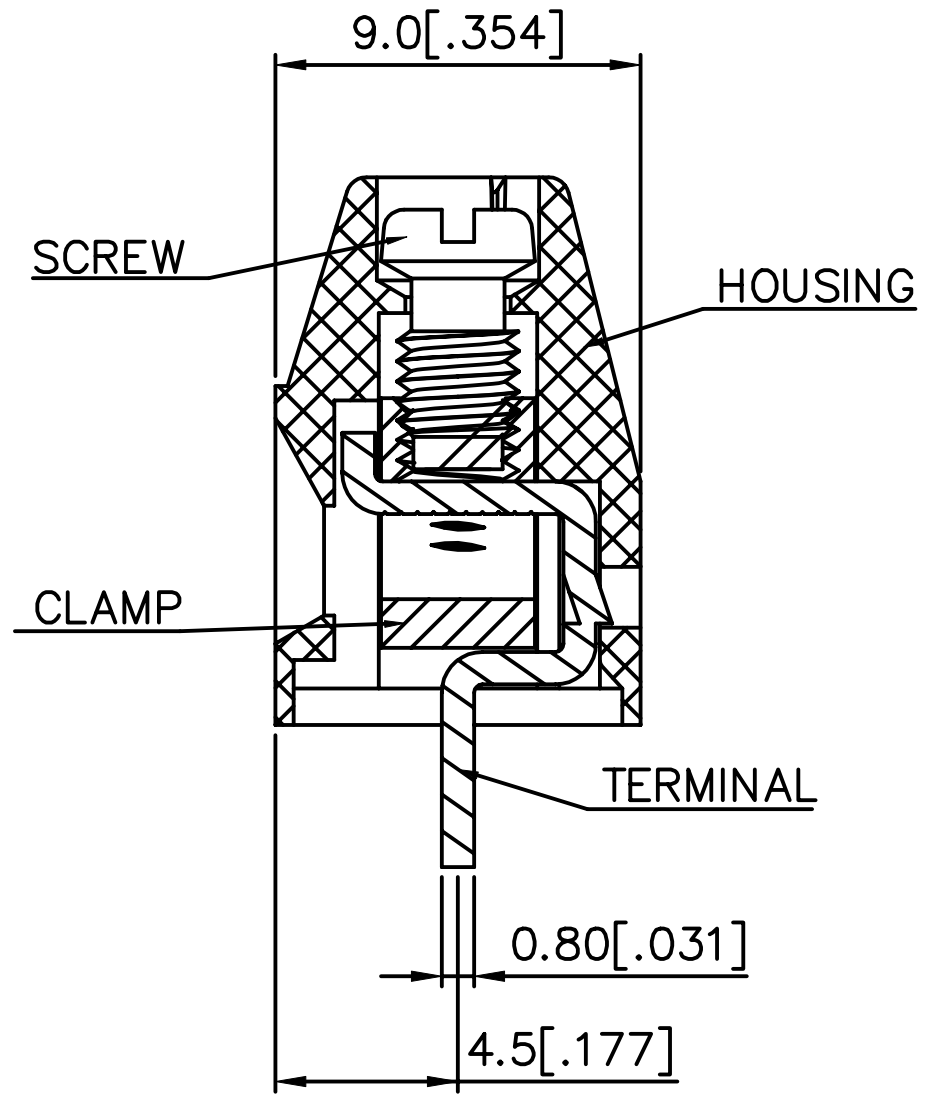
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PRODUCT NUMBER	SERIES NAME	PITCH
20020316-HXXXXXXLF	21-508	5.08 mm





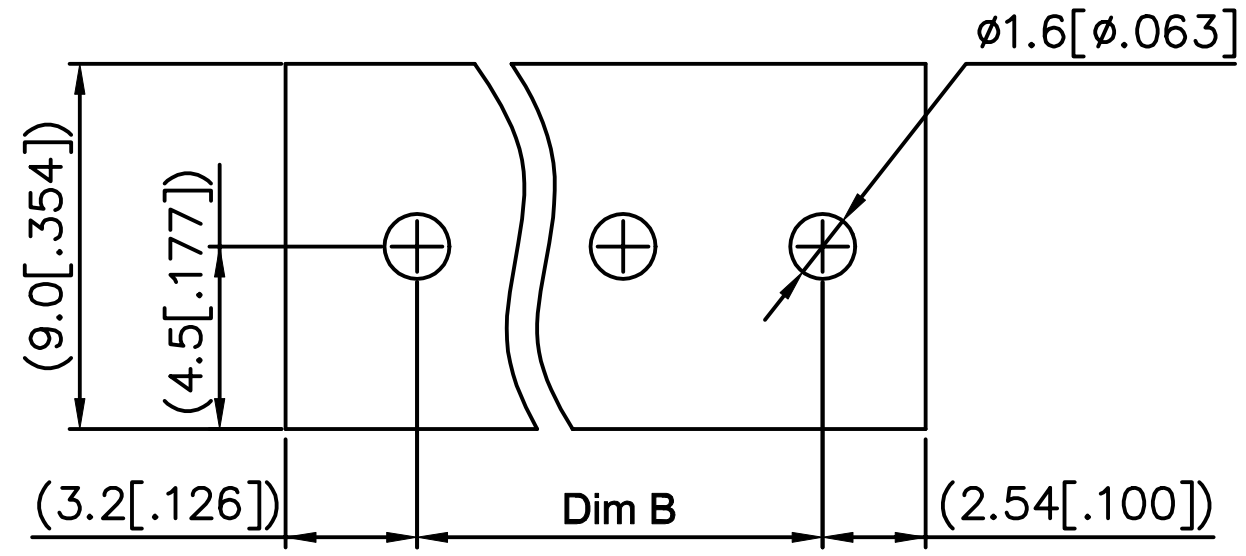


SECTION P–P

N=NUMBER OF POLES

Dim A	N*5.08[.200]
Dim B	(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]



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		MM [INCH]	title TERMINAL BLOCK FIXED HORIZONTAL WIRE INLET
H	angles X°±1°	linear X.±0.5[.020]; X.X±0.3[.012]; X.XX±0.1[.004]	scale	
	dr BEER FU 062509			dwg no 20020316 sheet 3 of 3 size A4
	engr BEER FU 062509			
	chr GARY HSIEH 062509			
	appd JOSEPH HSIA 062509			type CUSTOMER Drawing
sheet index / revision sheet				