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PRODUCT NUMBER

20020316-XXXXXXLF

20020316 — □ □ □ □ □ 0 □ L F

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	AVAILABILITY
A	-/+	ON REQUEST ONLY
B	-	STANDARD

PROPERTY TABLE

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. (°C)		-40~+115	-40~+115	
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	
POLES AVAILABLE		02~24	02~24	
SAFETY CERTIFICATE		PENDING		

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:

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. RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

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
D	T10-0042	WL	030310	angles	$X \pm 0.5 [.020]$	MM	TERMINAL BLOCK FIXED HORIZONTAL WIRE INLET
E	T10-0083	WL	062210	$X \pm 0.3 [.012]$	$X \pm 0.3 [.012]$	INCH	
F	T10-0159	WL	100410	$X \pm 1$	$X \pm 0.1 [.004]$	scale	
G	T10-0187	WL	121410	dr	BEER FU	062509	
H	T-004746	WL	072011	enr	BEER FU	062509	dwg no
				chr	GARY HSIEH	062509	sheet 1 of 3
				app	JOSEPH HSIA	062509	size
sheet index	revision	H	H	H			20020316
	sheet	1	2	3			A4
							type
							CUSTOMER Drawing

form: A4mmXLc

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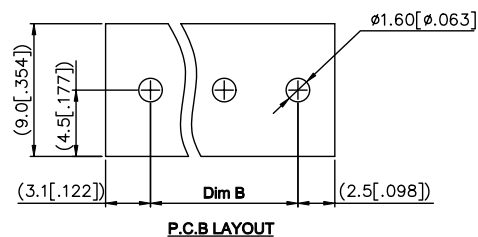
PDS: Rev :H 3 |

STATUS:Released







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POLES	TOLERANCE
2p-6p	$\pm 0.15[.006]$
7p-12p	$\pm 0.25[.010]$
13p-16p	$\pm 0.35[.014]$
17p-24p	$\pm 0.40[.016]$



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				
H					angles		X. \pm 0.5[.020]				TERMINAL BLOCK						
					inches		X.X \pm 0.3[.012]				FIXED HORIZONTAL WIRE INLET						
							X' \pm 1"		scale		dwg no						
					dgr	BEER FU		062509				sheet 2 of 3			size		
					enrg	BEER FU		062509				20020316			A4		
					chr	GARY HSIEH		062509									
					apdd	JOSEPH HSIA		062509									
sheet index		revision sheet									type CUSTOMER Drawing						



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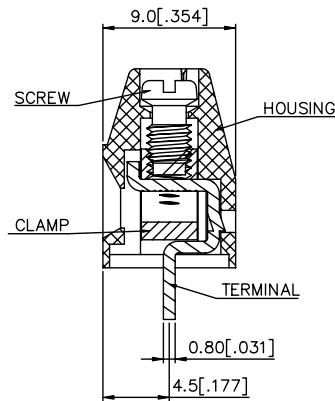
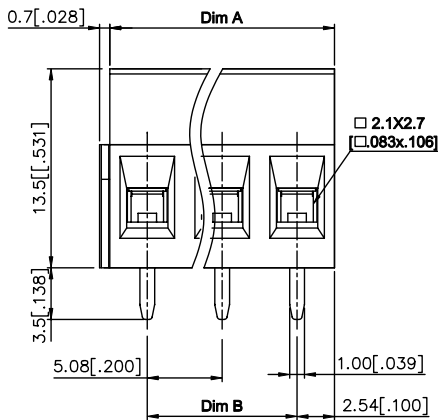
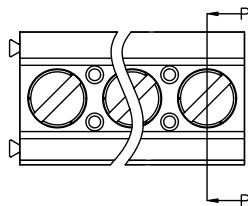
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PRODUCT NUMBER	SERIES NAME	PITCH
20020316-HXXXXXXLF	21-508	5.08 mm

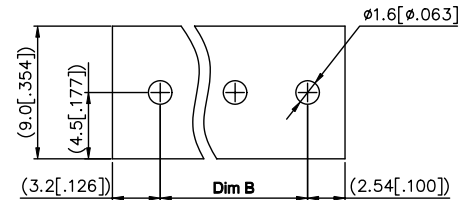


SECTION P-P

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 MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
H					angles X.±0.5[.020] X.X±0.3[.012] X'±1"	scale	TERMINAL BLOCK FIXED HORIZONTAL WIRE INLET
					dr BEER FU 062509		dwg no
					enr BEER FU 062509		sheet 3 of 3
					chr GARY HSIEH 062509		size
					appd JOSEPH HSIA 062509		20020316
sheet index	revision sheet						A4
							type
							CUSTOMER Drawing

form: A4mmXLc

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PDS: Rev :H 3

STATUS:Released

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