

PRODUCT NUMBER

20020303-XXXXXXLF

20020303-□□□□B0□LF

PITCH

D: 3.81 mm
G: 5.00 mm
H: 5.08 mm

POLES

02: 2 POLES
03: 3 POLES
.....
24: 24 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

PROPERTY TABLE

FCI SERIES NAME		09-381	09-500	09-508
PITCH (mm)		3.81	5.00	5.08
VOLTAGE RATING (VAC)		300	300	300
CURRENT RATING (A)		6	10	10
APPLICABLE WIRE RANGE (AWG)		1-WIRE	16~26	14~24
		2-WIRE	NA	NA
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.0	1.5
		2-WIRE	NA	NA
	STRANDED	1-WIRE	1.0	1.5
		2-WIRE	NA	NA
OPENING CONTACT HOUSING(mm ²)		1.7x1.7	2.4x2.4	2.4x2.4
WIRE STRIP LENGTH(mm)		9~10	9~10	9~10
WITHSTANDING VOLTAGE (kV)		1.6	1.6	1.6
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115
SOLDERING TEMP. (°C)		250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE		02~24	02~24	02~24
SAFETY CERTIFICATE				

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:

1. MATERIALS

- 1-1 TERMINAL BODY: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 TERMINAL COVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-3 TERMINAL LEVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-5 TERMINAL: COPPER ALLOY, TIN PLATED.
- 1-6 SPRING CLAMP: STAINLESS STEEL.

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.

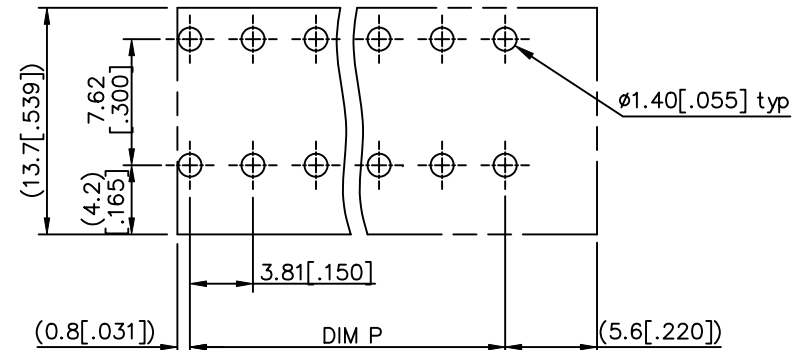
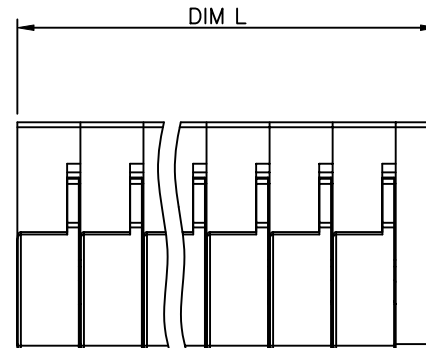
6. RECOMMENDED SOLDERING PROCESS BY WAVE SOLDER.

mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
litr ecn no dr date				tolerances unless otherwise specified			title
A	T10-0191	WL	122010	angles	X.±0.5		TERMINAL BLOCK FIXED SIGNAL PLUG, RIGHT ANGLE WIRE INLET
B	T11-0012	WL	021711	tolerances	X.X±0.3		
C	T-005281	WL	082311	X'±1"	X.XX±0.1		
				dr	WENDY CHEN	110910	FCI type CUSTOMER Drawing
				enrg	JASON HSU	110910	
				chr	JASON HSU	110910	
				appd	JASON HSU	110910	
sheet index	revision sheet	C	C	C	C	C	
		1	2	3	4		

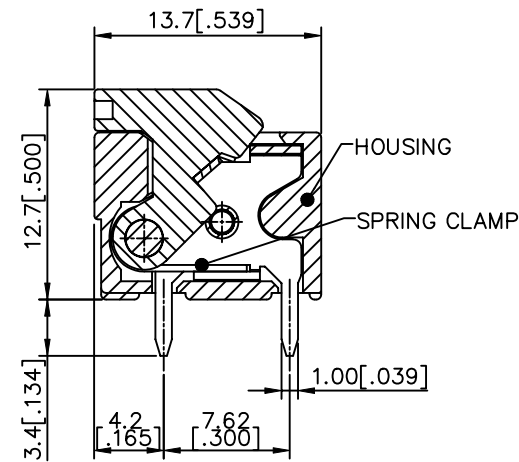
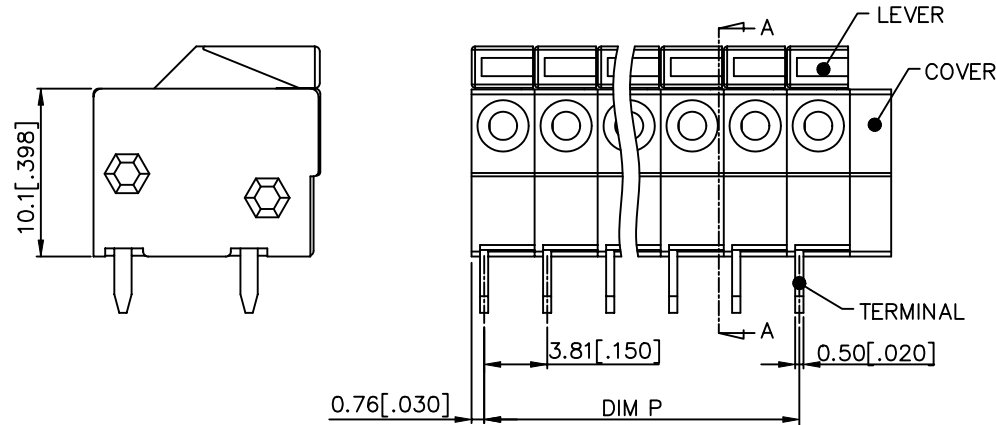
PRODUCT NUMBER	SERIES NAME	PITCH
20020303-DXXXXXXLF	09-381	3.81 mm

N = Number of poles
 Dim L = $N \times 3.81[.150] + 2.5[.098]$
 Dim P = $(N-1) \times 3.81[.150]$

POLES	Dim L	Dim P
2-6P	$\pm 0.15[.006]$	$\pm 0.10[.004]$
7-12P	$\pm 0.20[.008]$	$\pm 0.20[.008]$
13-18P	$\pm 0.30[.012]$	$\pm 0.25[.010]$
19-24P	$\pm 0.40[.016]$	$\pm 0.30[.012]$



P.C.B. LAYOUT



SEC. A-A

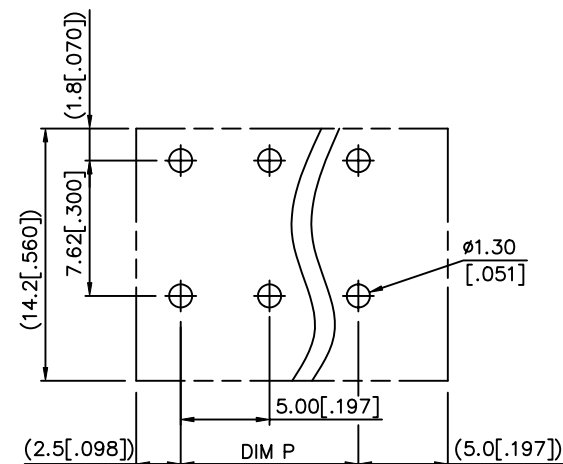
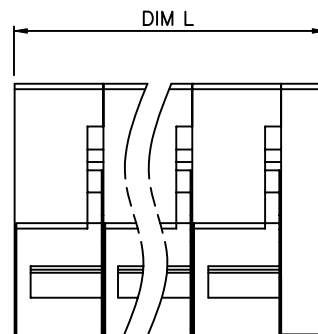
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
ltr ecn no dr date				tolerances unless otherwise specified			TERMINAL BLOCK
c				angles	X.±0.5	MM	TERMINAL BLOCK FIXED SIGNAL PLUG, RIGHT ANGLE WIRE INLET
				inlet	X.X±0.3	[INCH]	
				X'±1"	X.XX±0.1	scale	dwg no
				dr	WENDY CHEN	110910	sheet 2 of 4
				enr	JASON HSU	110910	size
				chr	JASON HSU	110910	20020303
				appd	JASON HSU	110910	A4
sheet index				revision	sheet		type
							CUSTOMER Drawing



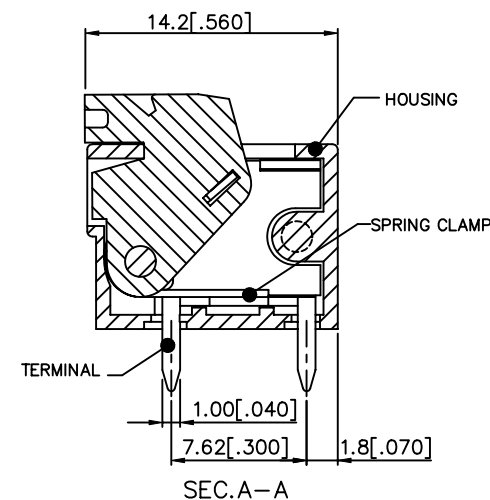
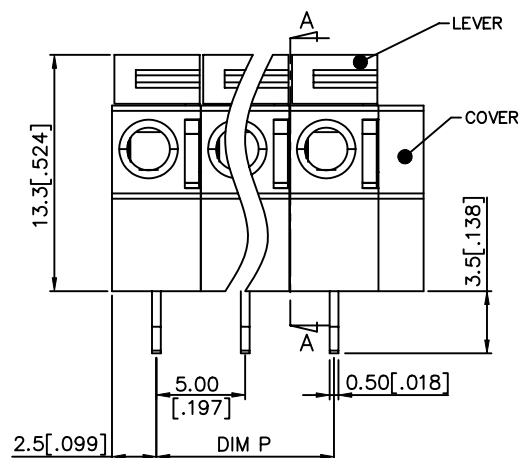
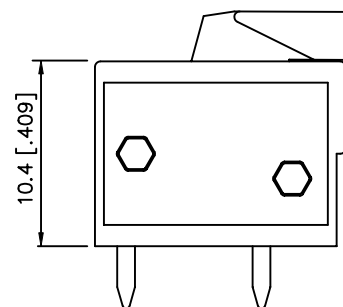
PRODUCT NUMBER	SERIES NAME	PITCH
20020303-GXXXXXXLF	09-500	5.00 mm

N = Number of poles
Dim L = $N \times 5.0[.197] + 2.54[.100]$
Dim P = $(N-1) \times 5.0[.197]$

POLES	Dim L	Dim P
2-6p	$\pm 0.15[.006]$	$\pm 0.10[.004]$
7-12p	$\pm 0.20[.008]$	$\pm 0.20[.008]$
13-18p	$\pm 0.30[.012]$	$\pm 0.25[.010]$
19-24p	$\pm 0.40[.016]$	$\pm 0.30[.012]$



P.C.B. LAYOUT



SEC. A-A

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					
C						angles		linear		X.±0.5		MM		TERMINAL BLOCK	
										X.X±0.3		[INCH]		FIXED SIGNAL PLUG, RIGHT ANGLE WIRE INLET	
						X°±1°				X.XX±0.1		scale		dwg no	
						dr	WENDY CHEN	110910		FCI		sheet 3 of 4		size	
						enr	JASON HSU	110910				20020303		A4	
						chr	JASON HSU	110910							
						appd	JASON HSU	110910						type	
sheet index		revision sheet												CUSTOMER Drawing	

1 | 2

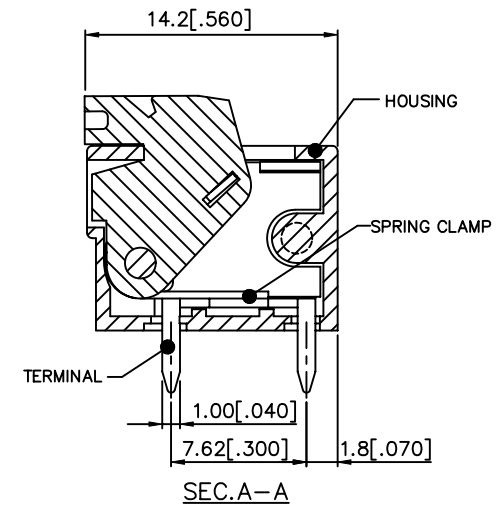
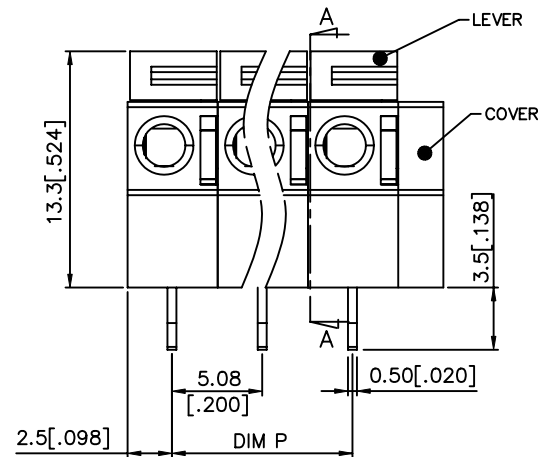
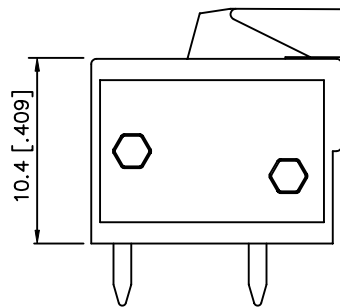
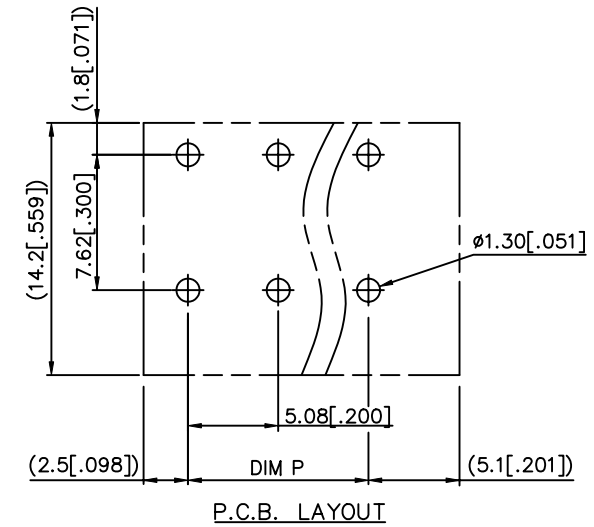
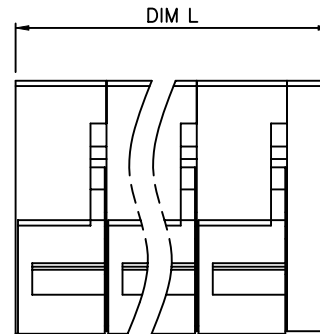
3 |

4

PRODUCT NUMBER	SERIES NAME	PITCH
20020303-HXXXXXXLF	09-508	5.08 mm

N = Number of poles
 $\text{Dim L} = N \times 5.08 [.200] + 2.54 [.100]$
 $\text{Dim P} = (N-1) \times 5.08 [.200]$

POLES	Dim L	Dim P
2-6p	$\pm 0.15 [.006]$	$\pm 0.10 [.004]$
7-12p	$\pm 0.20 [.008]$	$\pm 0.20 [.008]$
13-18p	$\pm 0.30 [.012]$	$\pm 0.25 [.010]$
19-24p	$\pm 0.40 [.016]$	$\pm 0.30 [.012]$



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	
c				angles	$X \pm 0.5$	MM [INCH]	TERMINAL BLOCK FIXED SIGNAL PLUG, RIGHT ANGLE WIRE INLET	
				$X \pm 1^\circ$	$X.X \pm 0.3$	scale		
					$X.XX \pm 0.1$		dwg no	
				dr	WENDY CHEN	110910	sheet 4 of 4	
				enr	JASON HSU	110910	20020303	
				chr	JASON HSU	110910	A4	
				appd	JASON HSU	110910	type	
							CUSTOMER Drawing	
sheet index	revision sheet							

AMEYA360

Components Supply Platform

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