FCIconnect.com

PRODUCT NUMBER
20020302-XXXXXXXLF

20020302-□□□□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

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			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	14~24
		2-WIRE	NA	NA	NA
WIRE CROSS SECTION (mm^2)	SOLID	1-WIRE	1.0	1.5	1.5
		2-WIRE	NA	NA	NA
	STRANDED	1-WIRE	1.0	1.5	1.5
		2-WIRE	NA	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. (℃)			-40~+115	-40~+115	-40~+115
SOLDERING TEMP. (℃)			250±10 (5 sec.)	250±10 (5 sec.)	250±10 (5 sec.)
POLES AVAILABLE			02~24	02~24	02~24
SAFETY CERTIFICATE			c UL us		

NOTES:
1. MATERIALS
   1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
   1-2 COVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
   1-3 LEVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
   1-4 TERMINAL: COPPER ALLOY, TIN PLATED.
   1-5 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. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

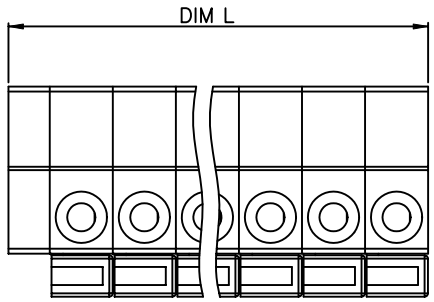
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK FIXED SIGNAL PLUG, VERTICAL WIRE INLET
A	T10-0191	WL	122010	angles	linear X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN	110910	dwg no: 20020302 sheet 1 of 4 size A4
				engr	JASON HSU	110910	
				chr	JASON HSU	110910	type: CUSTOMER Drawing
				appd	JASON HSU	110910	

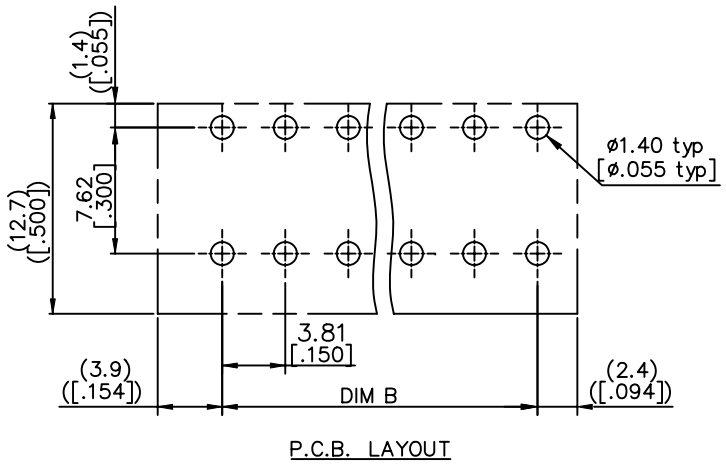
sheet index	revision	A	A	A	A																
	sheet	1	2	3	4																

PRODUCT NUMBER	SERIES NAME	PITCH
20020302-DXXXXXXLF	09-381	3.81 mm

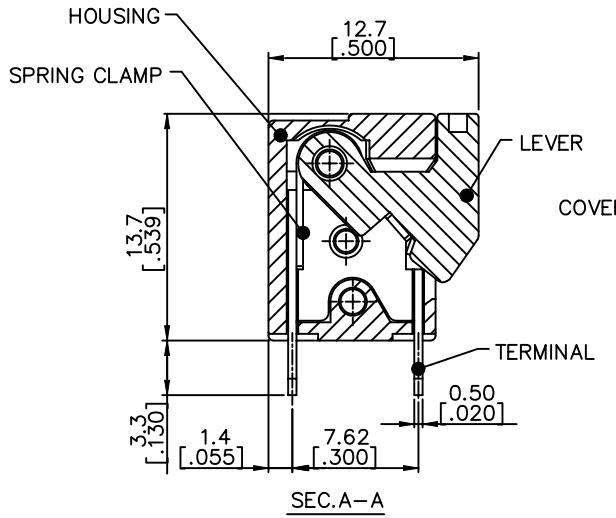
N = Number of poles
Dim L=(Nx3.81[.150])+2.50[.098]
Dim B=(N-1)x3.81[.150]

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

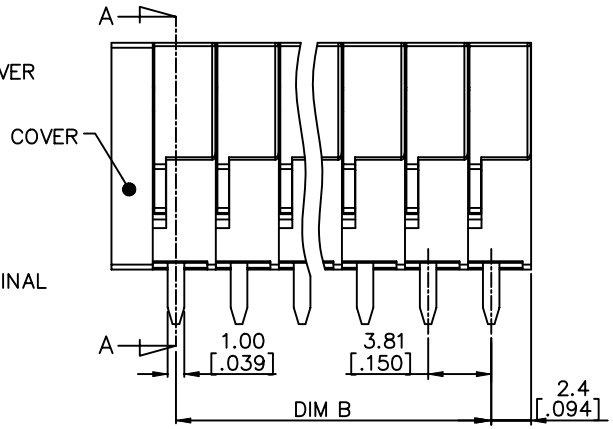




P.C.B. LAYOUT



SEC.A-A

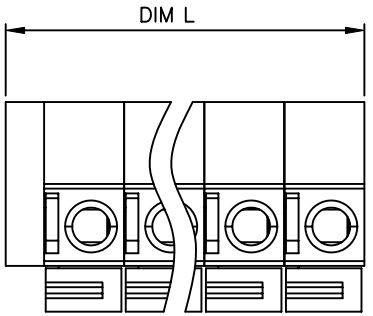


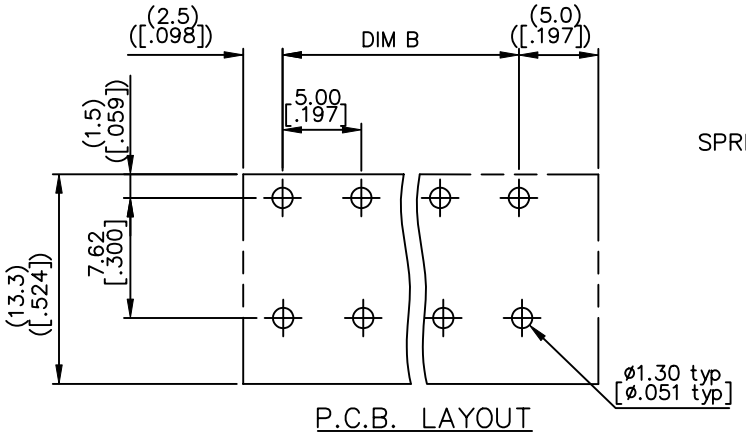
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK FIXED SIGNAL PLUG, VERTICAL WIRE INLET
A				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN 110910		dwg no: 20020302 sheet 2 of 4 size: A4
				engr	JASON HSU 110910		
				chr	JASON HSU 110910		
				appd	JASON HSU 110910		type: CUSTOMER Drawing
sheet index	revision sheet						

PRODUCT NUMBER	SERIES NAME	PITCH
20020302-GXXXXXXLF	09-500	5.00 mm

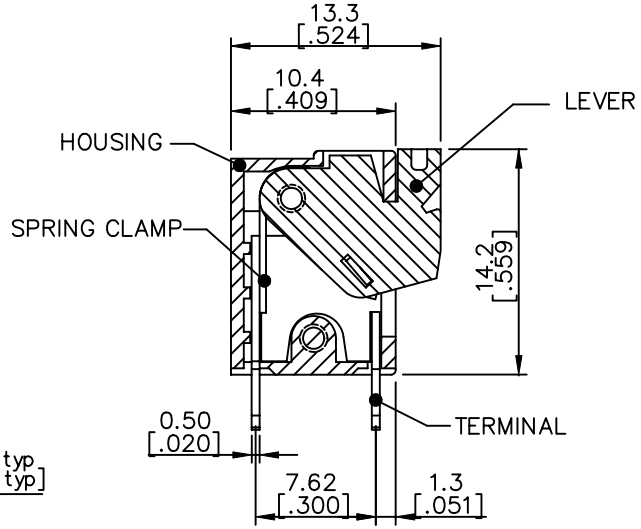
N = Number of poles
Dim L=(Nx5.0[.197])+2.54[.100]
Dim B=(N-1)x5.0[.197]

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

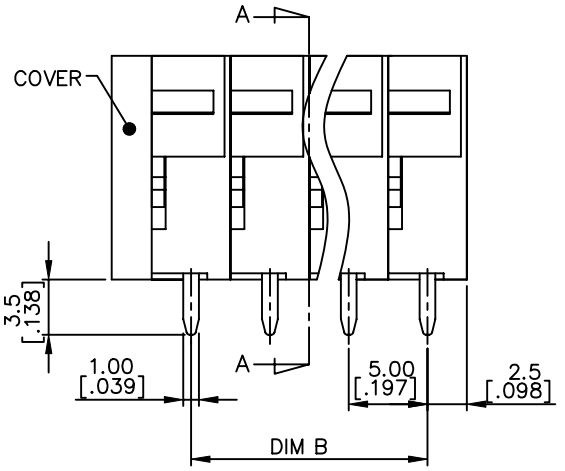




P.C.B. LAYOUT



SEC.A-A



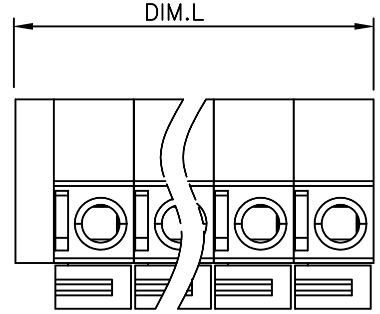
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family: TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title: TERMINAL BLOCK FIXED SIGNAL PLUG, VERTICAL WIRE INLET
A				angles	linear: X.±0.5 / X.X±0.3 / X.XX±0.1	MM [INCH]	
				X°±1°		scale	
				dr	WENDY CHEN 110910		dwg no: 20020302 sheet 3 of 4 size A4
				engr	JASON HSU 110910		
				chr	JASON HSU 110910		
				appd	JASON HSU 110910		type: CUSTOMER Drawing
sheet index	revision sheet						

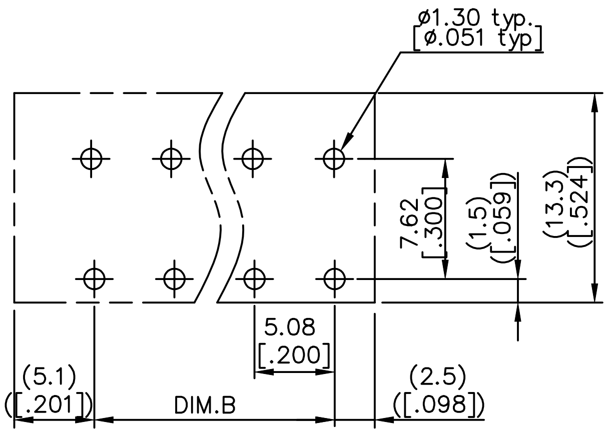
FCIconnect.com

PRODUCT NUMBER	SERIES NAME	PITCH
20020302-HXXXXXXLF	09-508	5.08 mm

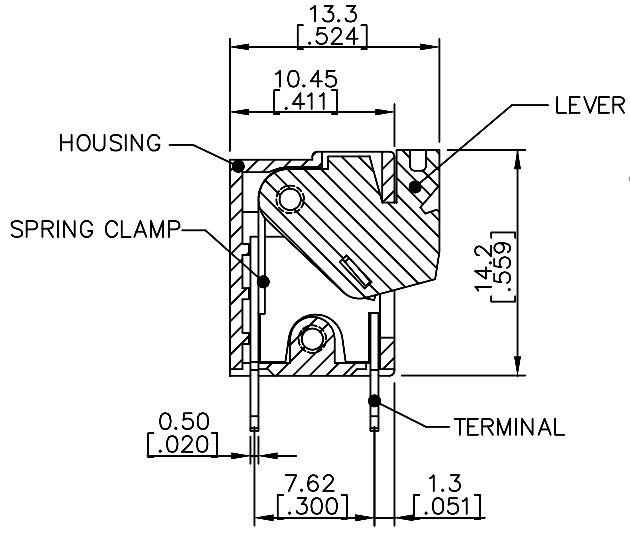
N = Number of poles
Dim L=(Nx5.08[.200])+2.54[.100]
Dim B=(N−1)x5.08[.200]

POLES	Dim L	Dim B
2−6p	±0.15[.006]	±0.10[.004]
7−12p	±0.20[.008]	±0.20[.008]
13−18p	±0.30[.012]	±0.25[.010]
19−24p	±0.40[.016]	±0.30[.012]

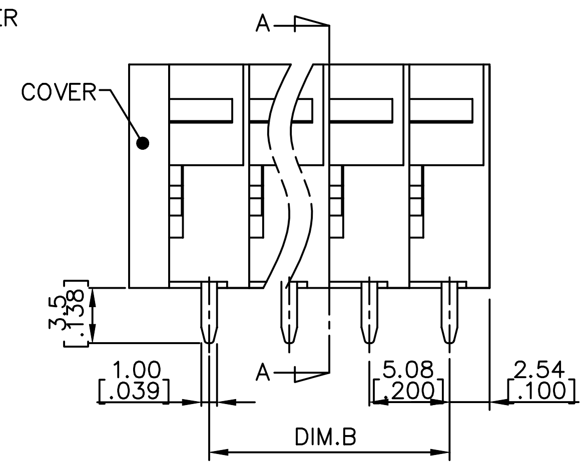




P.C.B. LAYOUT



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		MM [INCH]	title: TERMINAL BLOCK FIXED SIGNAL PLUG, VERTICAL WIRE INLET
A	angles X°±1°	linear X.±0.5, X.X±0.3, X.XX±0.1	scale	
	dr	WENDY CHEN	110910	dwg no 20020302, sheet 4 of 4, size A4
	engr	JASON HSU	110910	
	chr	JASON HSU	110910	
	appd	JASON HSU	110910	type: CUSTOMER Drawing
sheet index	revision sheet			