



PRODUCT NUMBER

20020036-XXXXXXLF

20020036 — ☐ ☐ ☐ ☐ B 0 ☐ L F

PITCH

C: 3.50 mm
D: 3.81 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	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

PROPERTY TABLE

PROPERTY TABLE					
FCI SERIES NAME		35-350	35-381	35-508	
PITCH (mm)		3.50	3.81	5.08	
VOLTAGE RATING (VAC)		300	300	300	
CURRENT RATING (A)		8	8	10	
APPLICABLE WIRE RANGE (AWG)		1-WIRE	16~28	16~28	12~26
		2-WIRE	NA	NA	NA
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.5	1.5	2.5
		2-WIRE	NA	NA	NA
	STRANDED	1-WIRE	1.5	1.5	2.5
		2-WIRE	NA	NA	NA
OPENING CONTACT HOUSING(mm ²)		1.6x1.6	2.4x1.7	2.2x2.7	
WIRE STRIP LENGTH(mm)		8~9	8~9	9~10	
WITHSTANDING VOLTAGE (kV)		1.6	1.6	1.6	
OPERATING TEMP. (°C)		-40~+115	-40~+115	-40~+115	
POLES AVAILABLE		02~24	02~24	02~24	
SAFETY CERTIFICATE		 us		 us	

NOTES:

1. MATERIALS

- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 INSULATING LEVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-3 WIRE GUARD : STAINLESS STEEL.
- 1-4 TERMINAL: COPPER ALLOY, TIN PLATED.
- 1-5 SCREW: STEEL, ZINC PLATED.
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.

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			
A	T11-0004	WL	011811	angles	in/out	X.±0.5		MM  [INCH]	TERMINAL BLOCK				
B	T-005306	WL	082311			X.X±0.3			PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE				
						X.XX±0.1			scale				
				dr	WENDY CHEN	122210			dwg no		sheet 1 of 4	size	
				enr	JASON HSU	122210			20020036		A4		
				chr	JASON HSU	122210							
				appd	JASON HSU	122210							
sheet index	revision sheet	B 1	B 2	B 3	B 4					type			CUSTOMER Drawing



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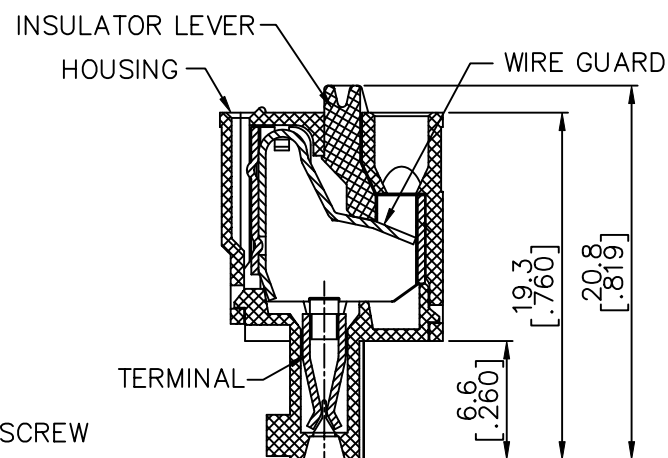
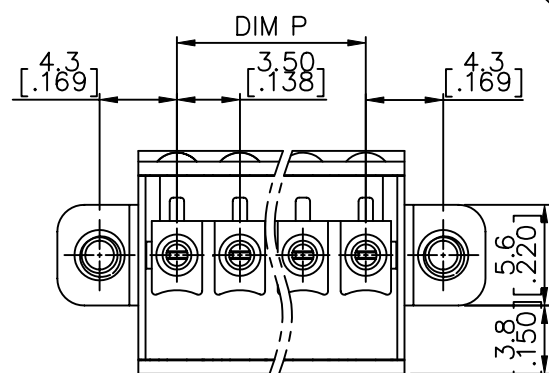
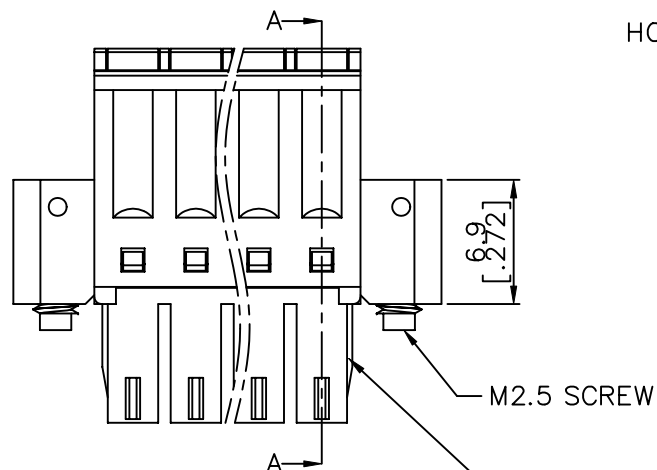
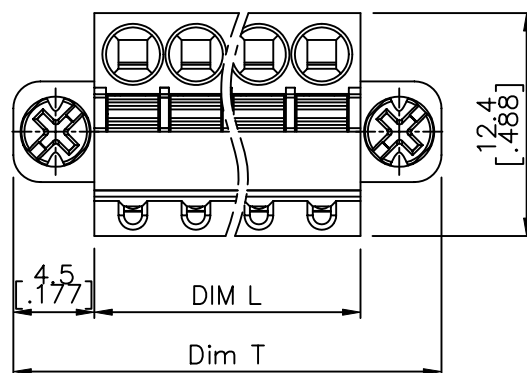


1 2

3

4

PRODUCT NUMBER	SERIES NAME	PITCH
20020036-CXXXXXXLF	35-350	3.50 mm



SECTION A-A

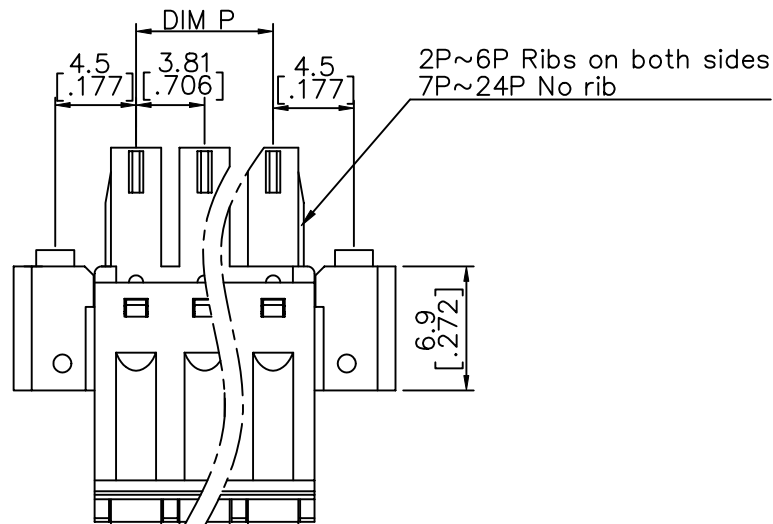
2P~6P Ribs on both sides
7P~24P No rib

N = Number of poles
DIM. L = $(N \times 3.5 [.138]) + 0.8 [.031]$
DIM. P = $(N - 1) \times 3.5 [.138]$
DIM. T = $N \times 3.5 [.138] + 9.8 [.386]$

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

mat'l. code				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn	no	dr	date			title
B				tolerances unless otherwise specified			TERMINAL BLOCK PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE
				angles X°±1'	X.X±0.5 X.X±0.3 X.XX±0.1	scale	dwg no
				dr	WENDY CHEN	122210	sheet 2 of 4
				engr	JASON HSU	122210	size
				chr	JASON HSU	122210	A4
				appd	JASON HSU	122210	type
sheet index	revision	sheet					CUSTOMER Drawing

PRODUCT NUMBER	SERIES NAME	PITCH
20020036-DXXXXXXLF	35-381	3.81 mm



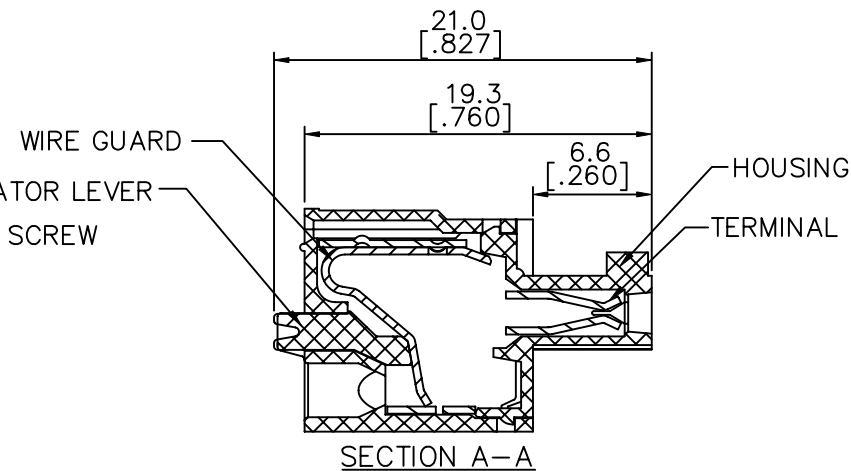
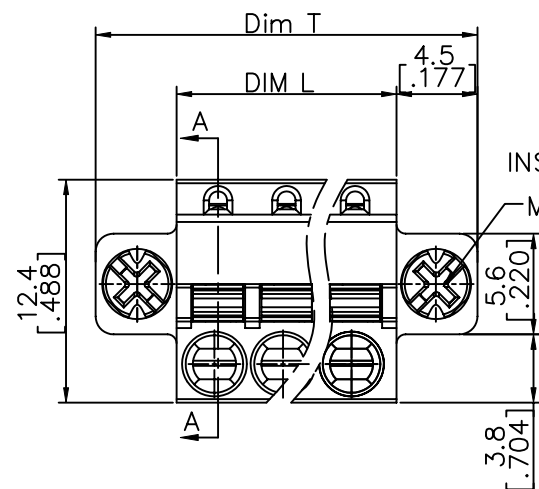
N = Number of poles

$$\text{DIM. L} = (N \times 3.81 [.150]) + 0.8 [.031]$$

$$\text{DIM. P} = (N-1) \times 3.81 [150]$$

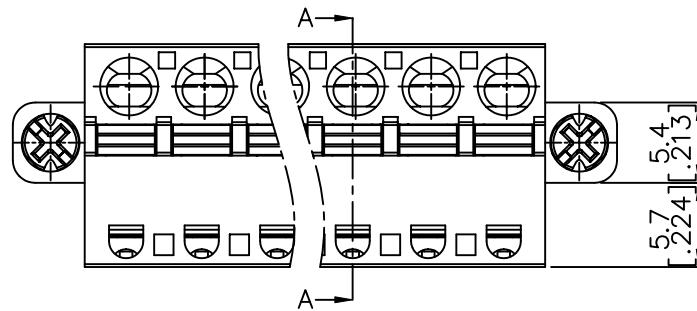
$$\text{DIM. T} = N \times 3.81[.150] + 9.8[.386]$$

POLES	DIM. L & P	DIM. T
2-6p	$\pm 0.15[.006]$	$\pm 0.15[.006]$
7-12p	$\pm 0.20[.008]$	$\pm 0.20[.008]$
13-18p	$\pm 0.30[.012]$	$\pm 0.30[.012]$
19-24p	$\pm 0.40[.016]$	$\pm 0.40[.016]$



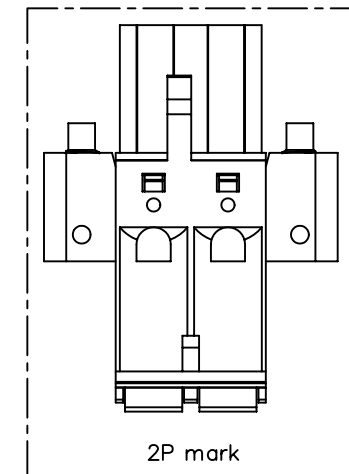
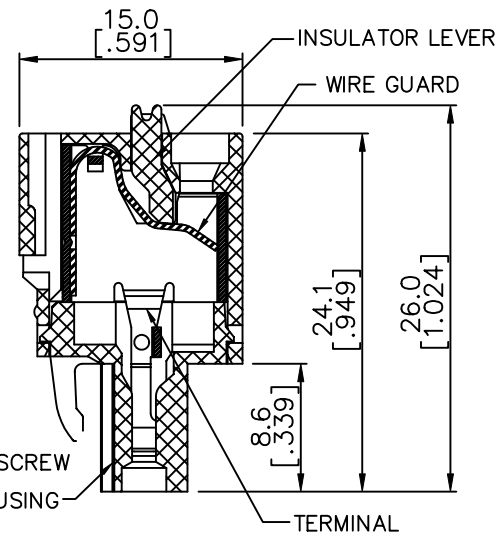
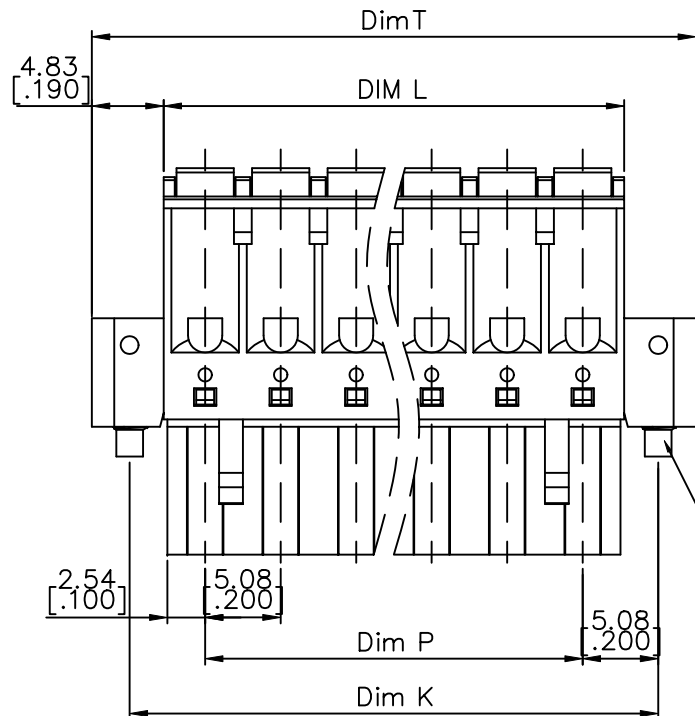
mat'l. code				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK					
ltr ecn no dr date				tolerances unless otherwise specified				title TERMINAL BLOCK PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE							
B				angles										X.±0.5	
				lineal		X.X±0.3									
				X'±1"		X.XX±0.1		scale							
				dr		WENDY CHEN		122210		dwg no		sheet 3 of 4		size	
				enr		JASON HSU		122210				20020036		A4	
				chr		JASON HSU		122210							
				appd		JASON HSU		122210		type		CUSTOMER Drawing			
sheet index		revision sheet													

PRODUCT NUMBER	SERIES NAME	PITCH
20020036-HXXXXXL	35-508	5.08 mm



N = Number of poles
 DIM. L = $(N \times 5.08 [.200]) + 0.5 [.020]$
 DIM. P = $(N - 1) \times 5.08 [.200]$
 DIM. T = $N \times 5.08 [.200] + 10.16 [.400]$
 DIM. K = $(N + 1) \times 5.08 [.200]$

POLES	Dim.L & P & T & K
2-6p	$\pm 0.15 [.006]$
7-12p	$\pm 0.20 [.008]$
13-16p	$\pm 0.30 [.012]$
17-24p	$\pm 0.40 [.016]$



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 PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE			
B				angles		linear		X.±0.5					
								X.X±0.3					
				X*±1"				X.XX±0.1					
				dr		WENDY CHEN		122210					
				enr		JASON HSU		122210					
				chr		JASON HSU		122210					
				appd		JASON HSU		122210					
sheet index		revision sheet								scale  dwg no 20020036 sheet 4 of 4 A4 type CUSTOMER Drawing			