



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	inches	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			type				CUSTOMER Drawing
sheet index	revision sheet	B	B	B	B								
		1	2	3	4								



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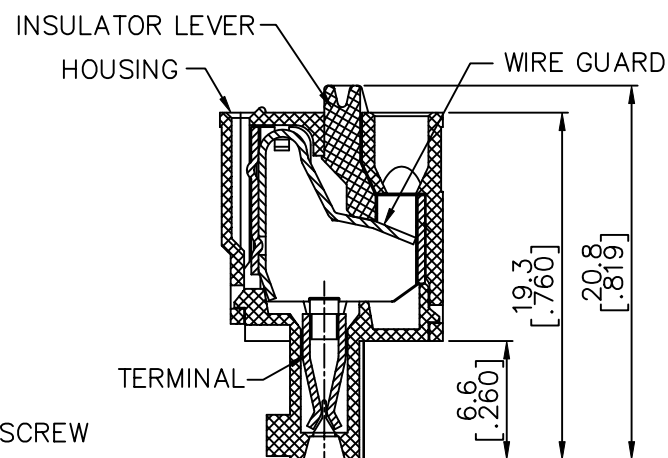
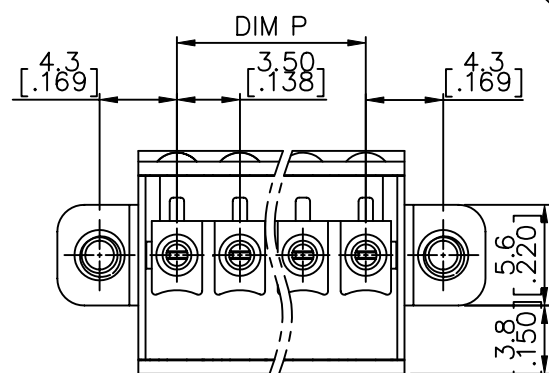
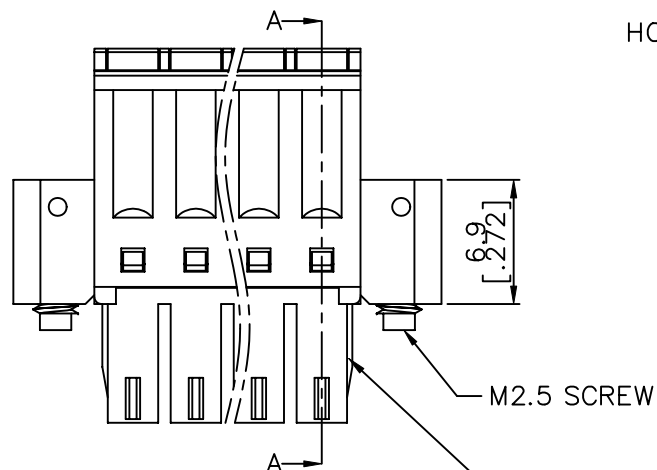
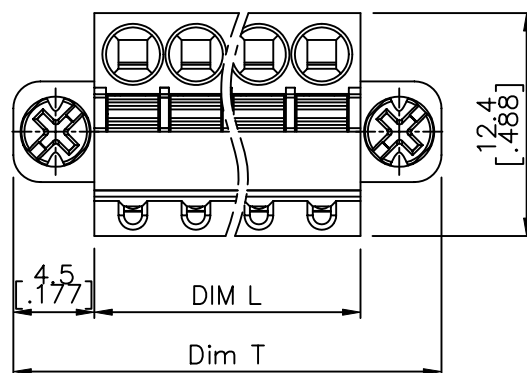


1 2

3

4

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



SECTION A-A

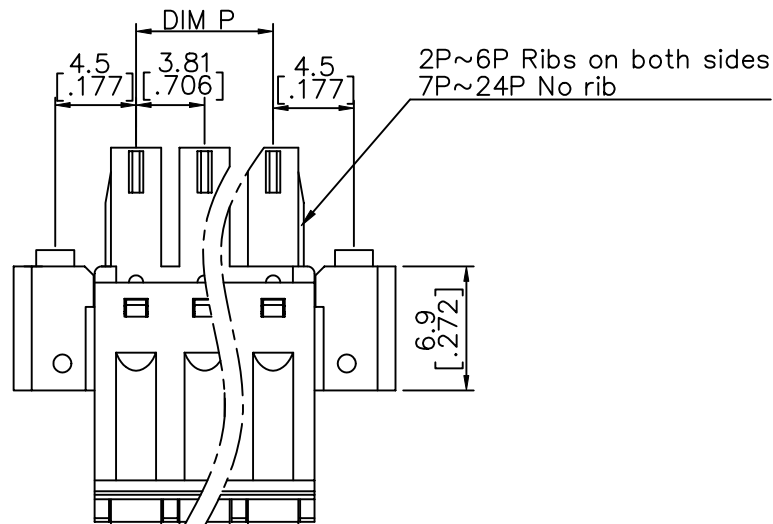
2P~6P Ribs on both sides
7P~24P No rib

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 		product family TERMINAL BLOCK																	
ltr		ecn no		dr		date		tolerances unless otherwise specified										title									
B								angles		lineal		X.±0.5				TERMINAL BLOCK PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE											
								X.X±0.3		X.XX±0.1																	
								dr		WENDY CHEN		122210				dwg no sheet 2 of 4 size 20020036 A.											
								enr		JASON HSU		122210															
								chr		JASON HSU		122210															
								appd		JASON HSU		122210															
sheet index		revision sheet														type CUSTOMER Drawing											

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



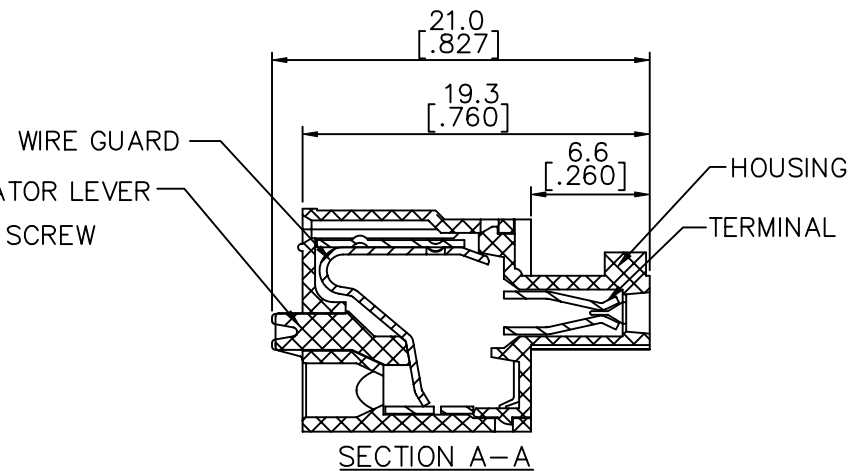
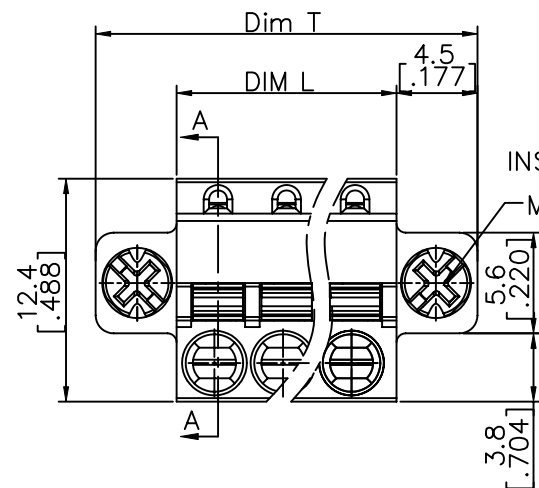
N = Number of poles

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

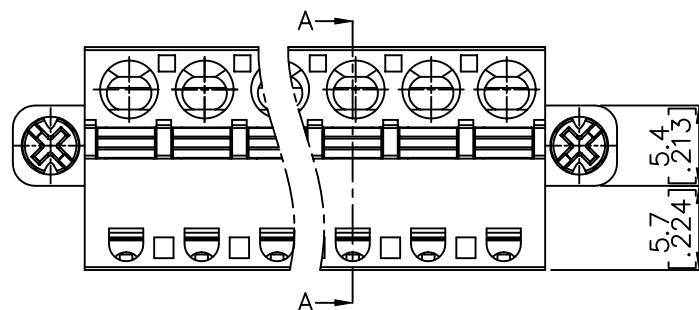
$$\text{DIM. P} = (N-1) \times 3.81 [150]$$

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

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	$\pm 0.40[.016]$	$\pm 0.40[.016]$

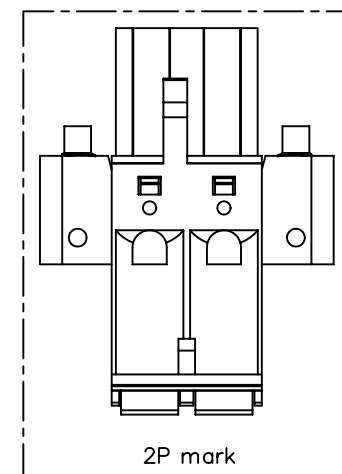
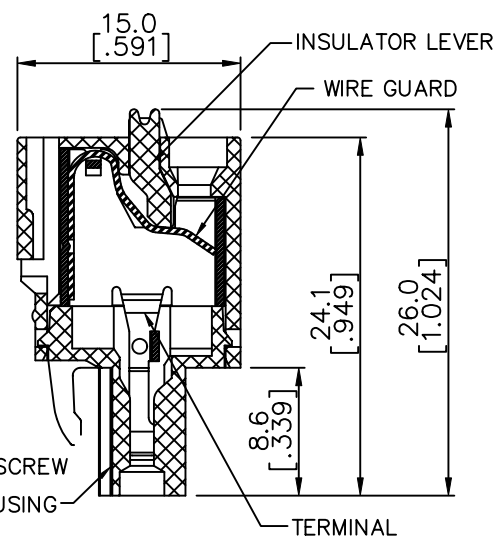
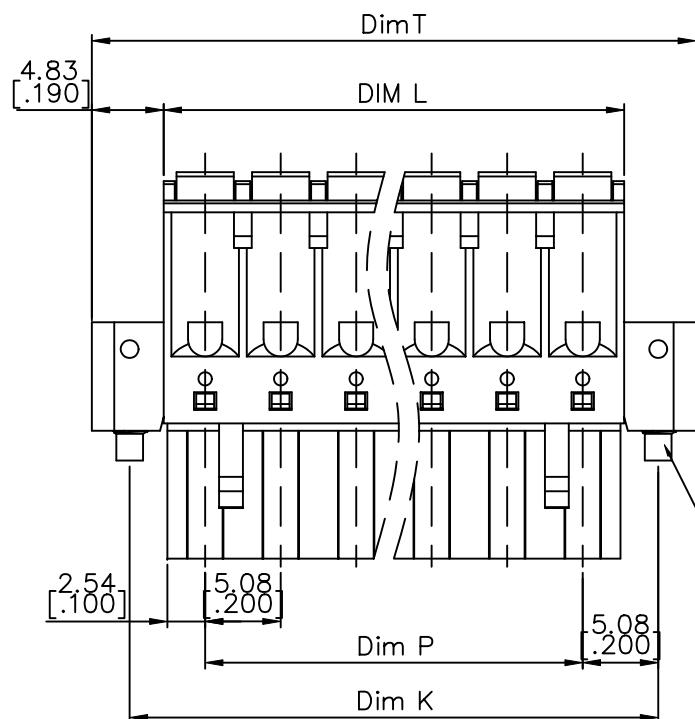
[illegible]

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