



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

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	

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 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
litr				tolerances unless otherwise specified			TERMINAL BLOCK
A	T11-0004	WL	011811	angles	X.±0.5	MM	title
B	T-005306	WL	082311	to 1°	X.X±0.3	[INCH]	TERMINAL BLOCK
				X'±1°	X.XX±0.1	scale	PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE
				dr	WENDY CHEN	122210	dwg no
				enr	JASON HSU	122210	sheet 1 of 4
				chr	JASON HSU	122210	size
				appd	JASON HSU	122210	A4
sheet index	revision sheet	B	B	B	B		type
		1	2	3	4		CUSTOMER Drawing



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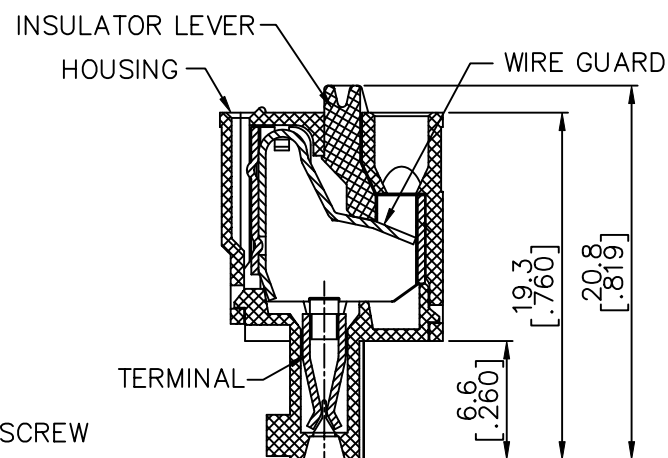
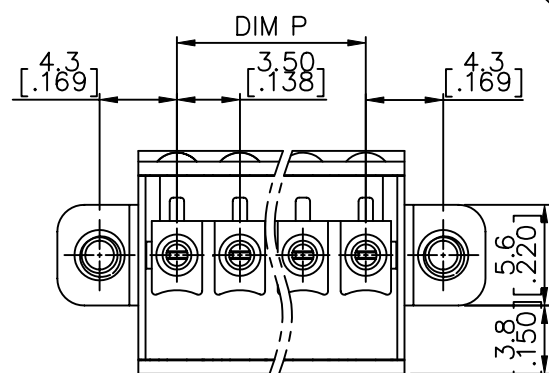
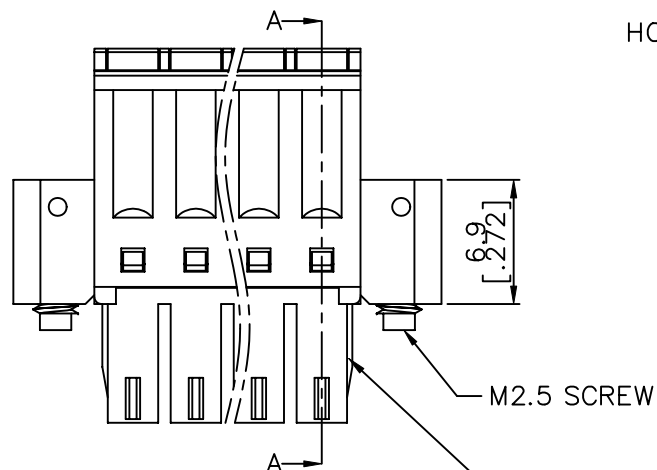
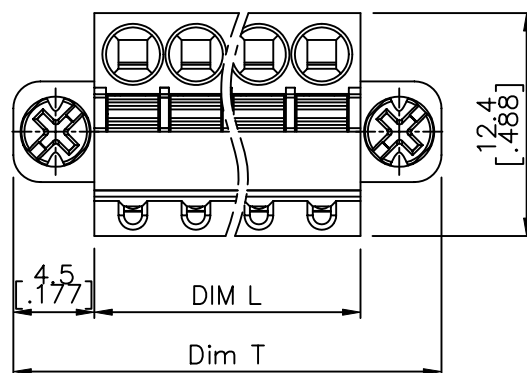


1 2

3

4

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



SECTION A-A

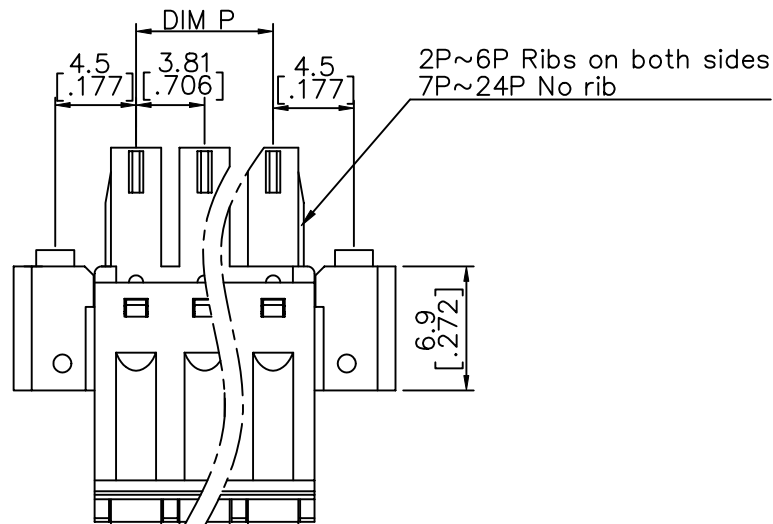
2P~6P Ribs on both sides
7P~24P No rib

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 		product family TERMINAL BLOCK																	
ltr		ecn no		dr		date		tolerances unless otherwise specified										title									
B								angles		lineal		X.±0.5		MM		TERMINAL BLOCK											
												X.X±0.3				PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT											
								X*±1"				X.XX±0.1		scale		W/FLANGE											
								dr		WENDY CHEN		122210				dwg no											
								enr		JASON HSU		122210				sheet 2 of 4											
								chr		JASON HSU		122210				20020036											
								appd		JASON HSU		122210				A.											
sheet index		revision sheet														type											
																CUSTOMER Drawing											

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



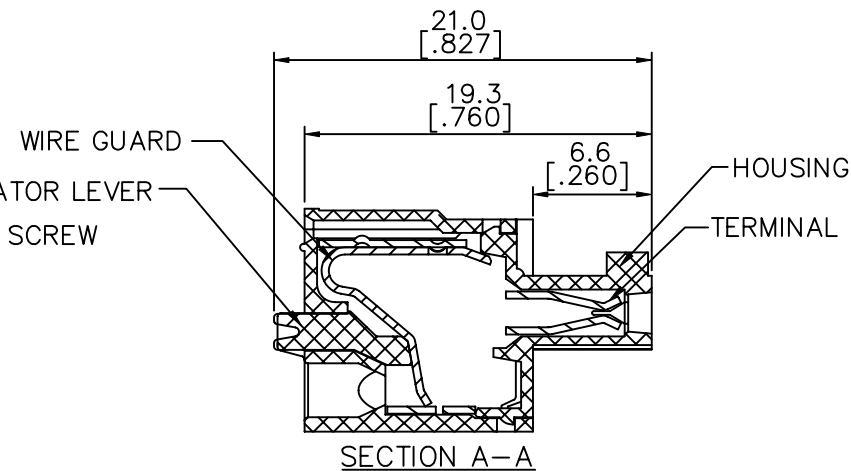
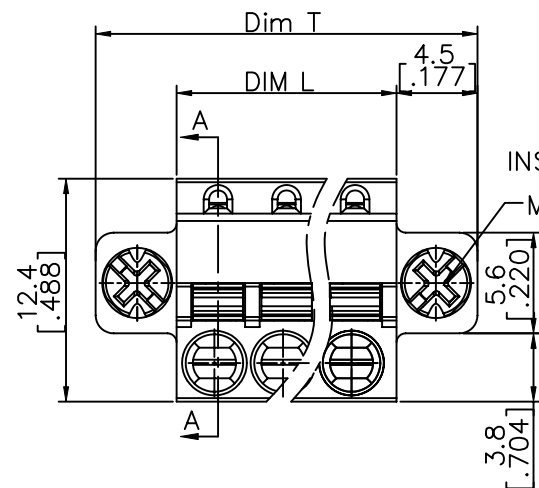
N = Number of_poles_

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

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

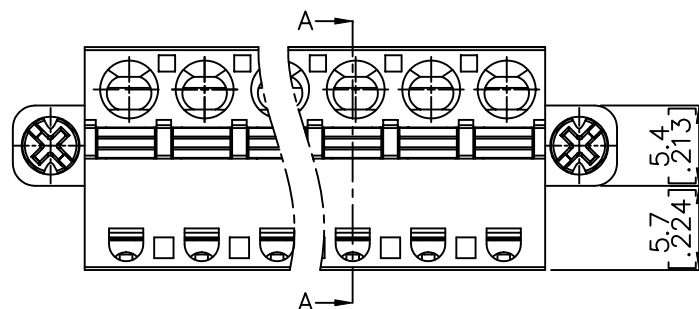
$$\text{DIM. T} = N \times 3.81[.150] + 9.8[.386]$$

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



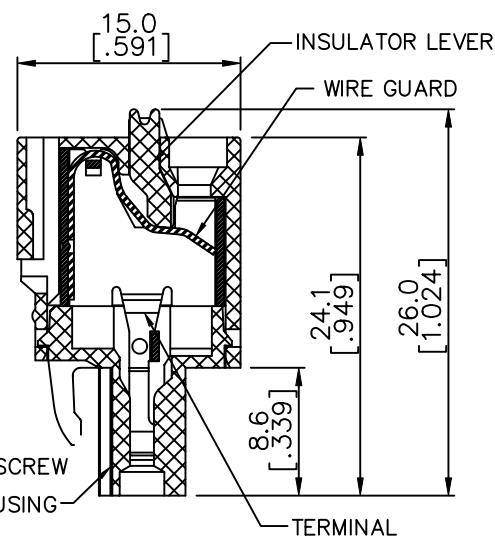
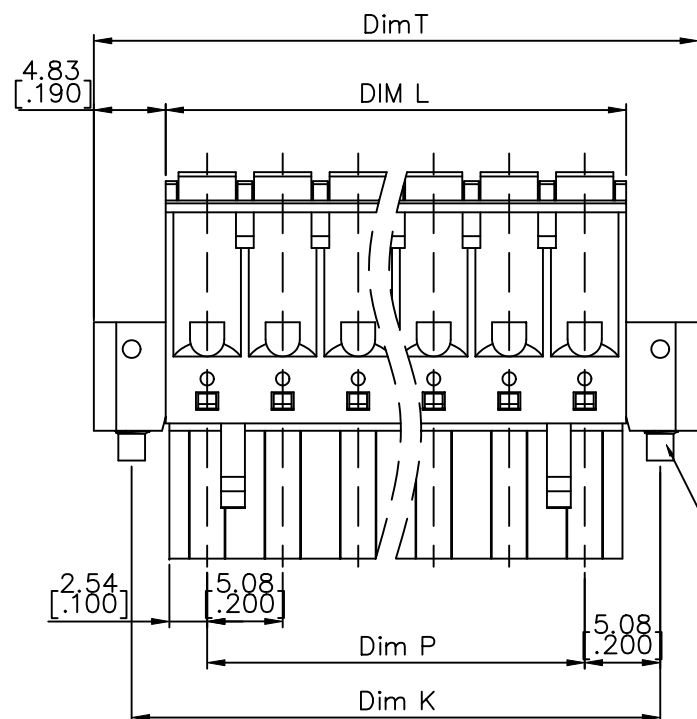
mat'l. code				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK			
litr ecn no dr date				tolerances unless otherwise specified								title	
B				angles								TERMINAL BLOCK	
				lineal		X.±0.5						PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE	
				X'±1"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

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

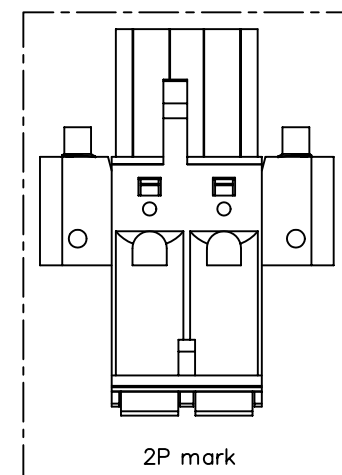


N = Number of poles
 DIM. L = $(N \times 5.08 [.200]) + 0.5 [.020]$
 DIM. P = $(N - 1) \times 5.08 [.200]$
 DIM. T = $N \times 5.08 [.200] + 10.16 [.400]$
 DIM. K = $(N + 1) \times 5.08 [.200]$

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	$\pm 0.40 [.016]$



SECTION A-A



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