

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 TERMINAL BLOCK					
litr		ecn no		dr		date		tolerances unless otherwise specified				title			
A		T11-0004		WL		011811		angles		X.±0.5		MM		TERMINAL BLOCK	
B		T-005306		WL		082311		X'±1"		X.X±0.3		[INCH]		PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE	
								X.XX±0.1		scale					
				dr		WENDY CHEN		122210				dwg no		sheet 1 of 4	
				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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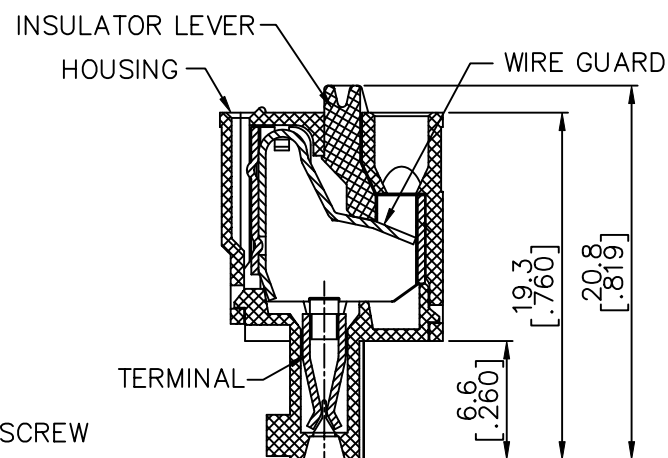
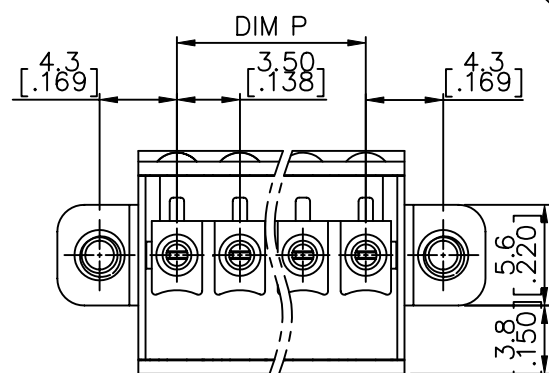
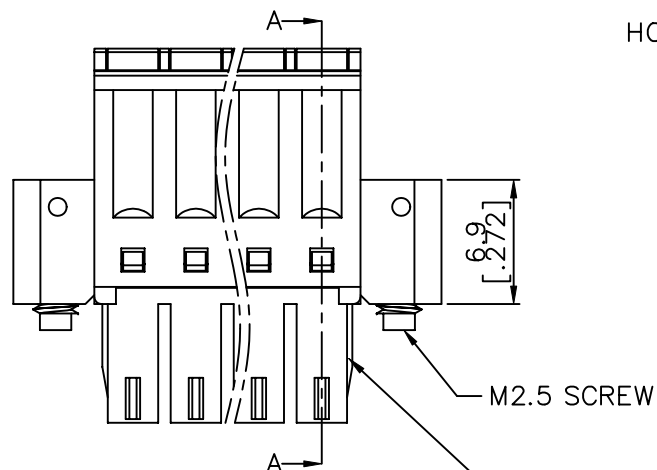
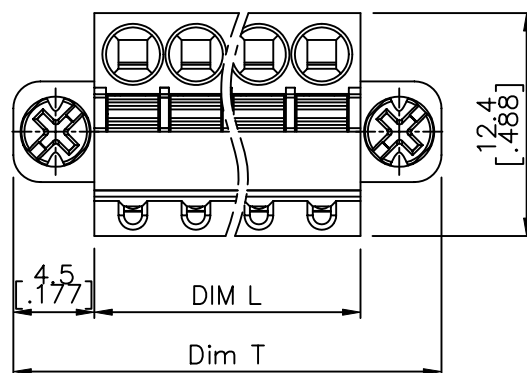


1 2

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

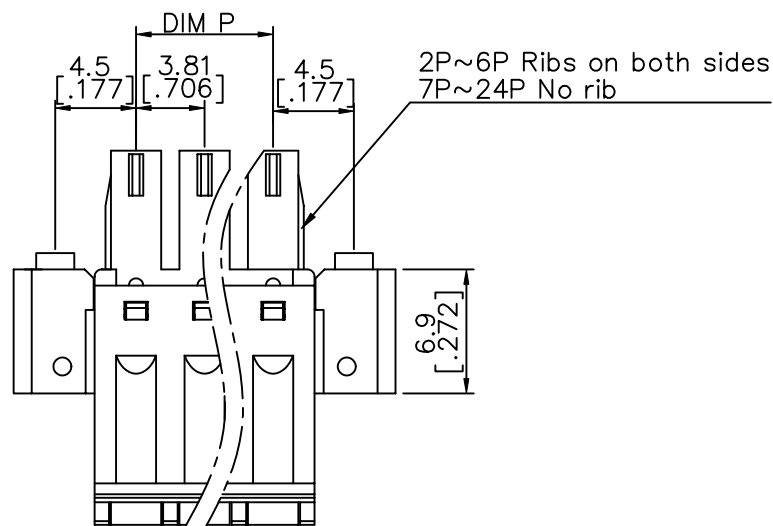
N = Number of poles
DIM. L = $(N \times 3.5 [.138]) + 0.8 [.031]$
DIM. P = $(N - 1) \times 3.5 [.138]$
DIM. T = $N \times 3.5 [.138] + 9.8 [.386]$

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 		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°±1°				X.XX±0.1		scale															
								dr		WENDY CHEN		122210				dwg no										sheet 2 of 4		size	
								enr		JASON HSU		122210				20020036										A.			
								chr		JASON HSU		122210																	
								appd		JASON HSU		122210																	
sheet index		revision sheet																											

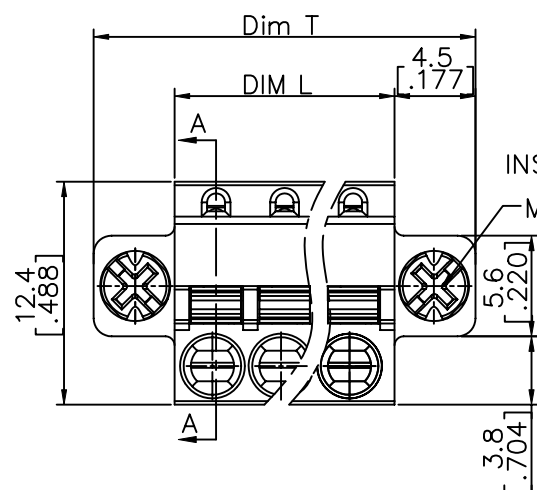


PRODUCT NUMBER	SERIES NAME	PITCH
20020036-DXXXXXXLF	35-381	3.81 mm



N = Number of poles
DIM. L = $(N \times 3.81 [.150]) + 0.8 [.031]$
DIM. P = $(N - 1) \times 3.81 [.150]$
DIM. T = $N \times 3.81 [.150] + 9.8 [.386]$

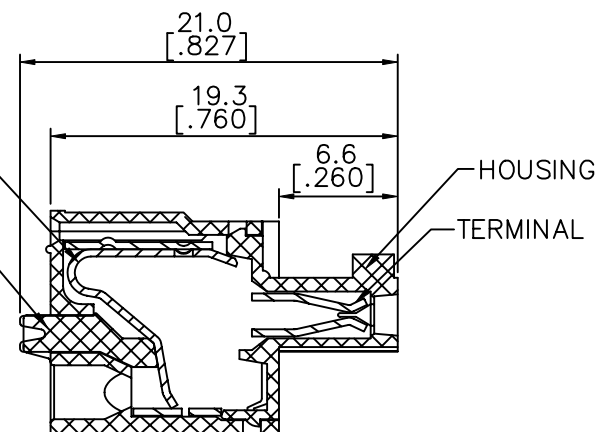
POLES	DIM. L & P	DIM. T
2-6p	$\pm 0.15 [.006]$	$\pm 0.15 [.006]$
7-12p	$\pm 0.20 [.008]$	$\pm 0.20 [.008]$
13-18p	$\pm 0.30 [.012]$	$\pm 0.30 [.012]$
19-24p	$\pm 0.40 [.016]$	$\pm 0.40 [.016]$



WIRE GUARD

INSULATOR LEVER

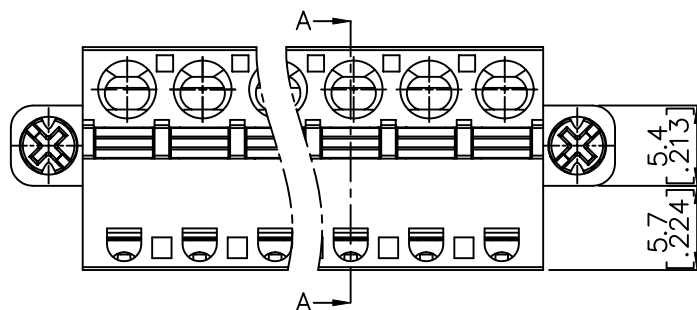
M2.5 SCREW



SECTION A-A

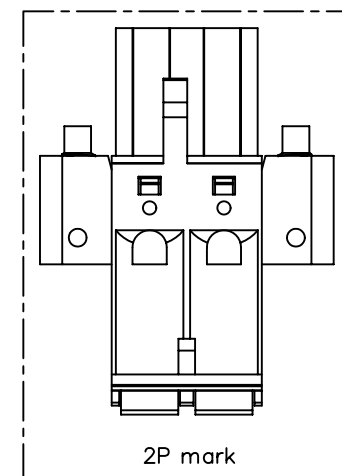
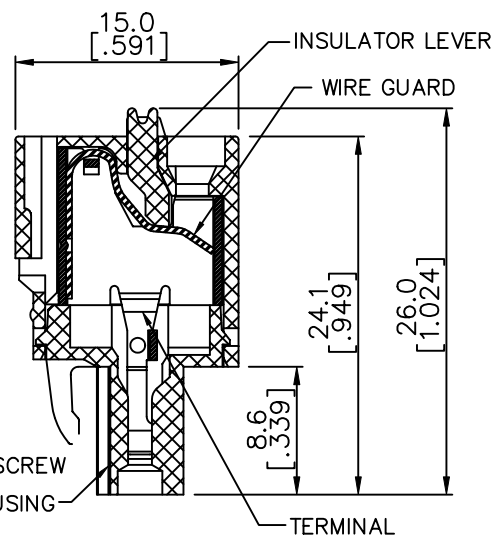
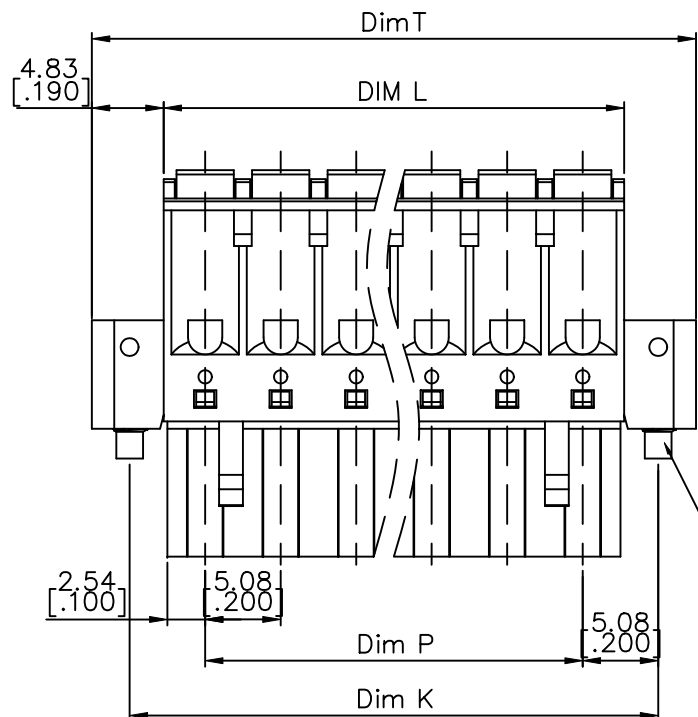
mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
B				angles X $\pm$ 0.5 X.X $\pm$ 0.3 X* $\pm$ 1"	TERMINAL BLOCK PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE
				dr WENDY CHEN 122210	dwg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