

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:

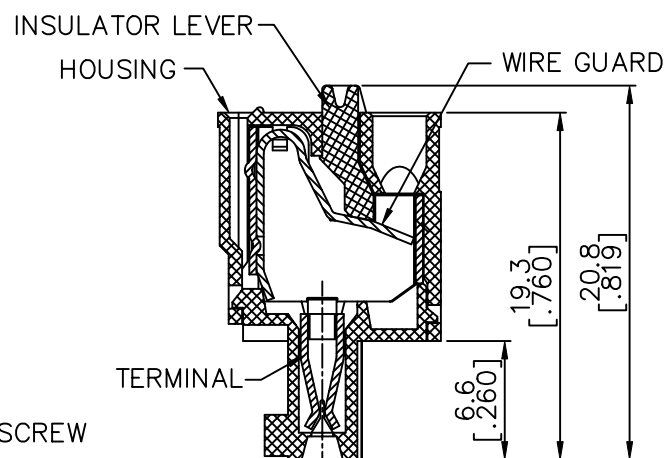
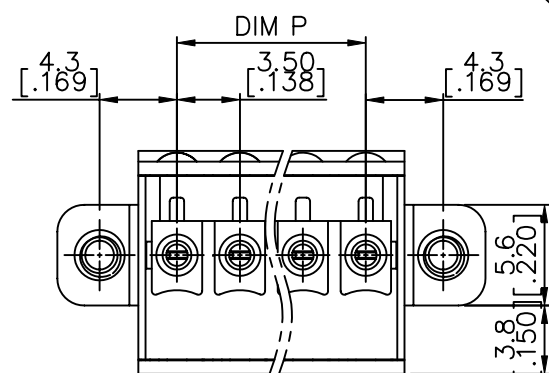
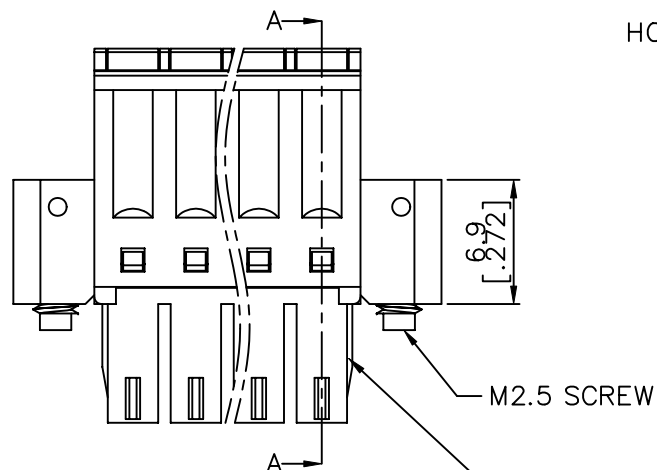
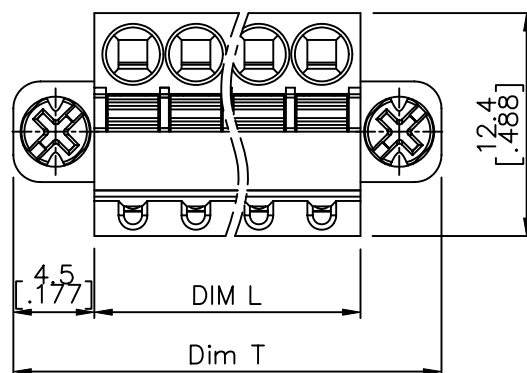
1. MATERIALS

- 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
tolerances unless otherwise specified							TERMINAL BLOCK
ltr	ecn no	dr	date	angles	tolerance	MM [INCH]	title
A	T11-0004	WL	011811	X±1°	X.±0.5	scale	TERMINAL BLOCK
B	T-005306	WL	082311		X.X±0.3		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



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

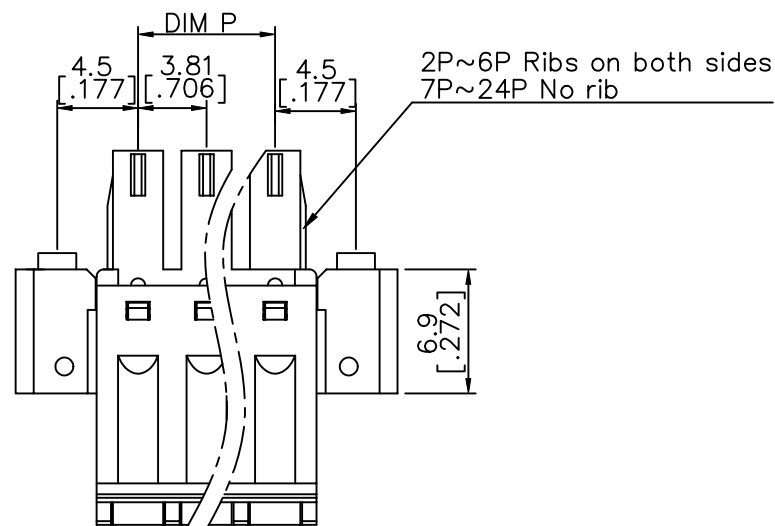
N = Number of poles
DIM. L = $(N \times 3.5 [.138]) + 0.8 [.031]$
DIM. P = $(N - 1) \times 3.5 [.138]$
DIM. T = $N \times 3.5 [.138] + 9.8 [.386]$

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	$X \pm 0.5$			
				$X \pm 1^\circ$	$X.X \pm 0.3$			
					$X.XX \pm 0.1$	scale		
			dr	WENDY CHEN	122210	FCI	dwg no	
			enr	JASON HSU	122210		sheet 2 of 4	
			chr	JASON HSU	122210		20020036	
			appd	JASON HSU	122210		A4	
sheet	revision					type		CUSTOMER Drawing
index	sheet							

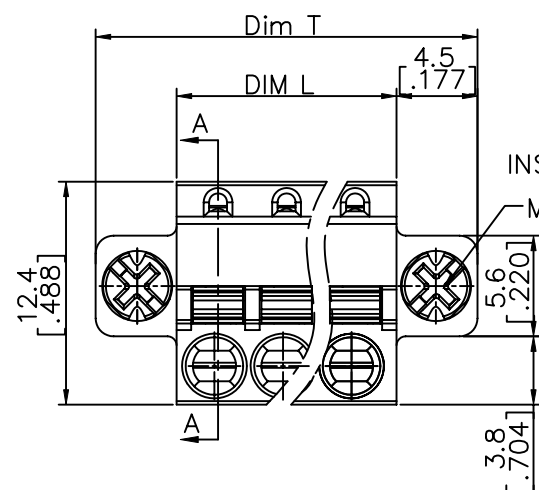


PRODUCT NUMBER	SERIES NAME	PITCH
20020036-DXXXXXXLF	35-381	3.81 mm

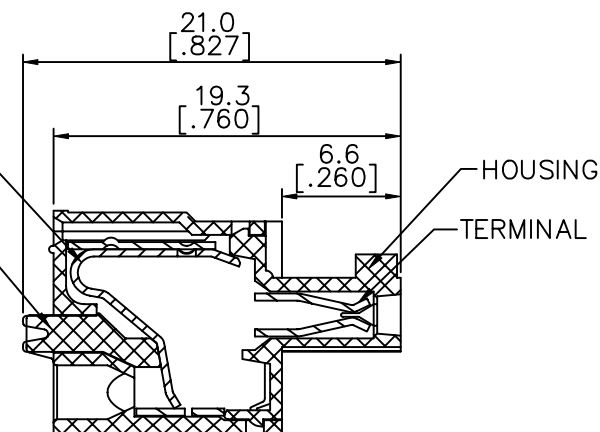


N = Number of poles
DIM. L = $(N \times 3.81 [0.150]) + 0.8 [0.031]$
DIM. P = $(N - 1) \times 3.81 [0.150]$
DIM. T = $N \times 3.81 [0.150] + 9.8 [0.386]$

POLES	DIM. L & P	DIM. T
2-6p	$\pm 0.15 [0.006]$	$\pm 0.15 [0.006]$
7-12p	$\pm 0.20 [0.008]$	$\pm 0.20 [0.008]$
13-18p	$\pm 0.30 [0.012]$	$\pm 0.30 [0.012]$
19-24p	$\pm 0.40 [0.016]$	$\pm 0.40 [0.016]$



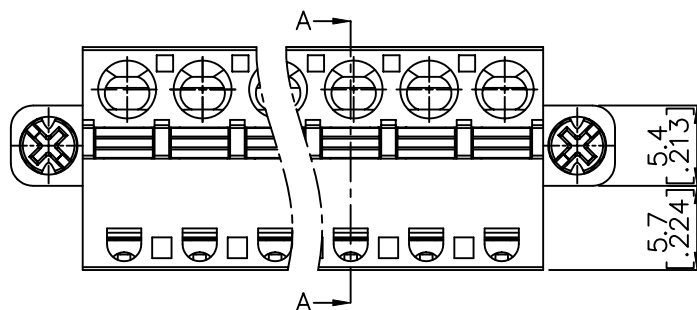
WIRE GUARD
INSULATOR LEVER
M2.5 SCREW



SECTION A-A

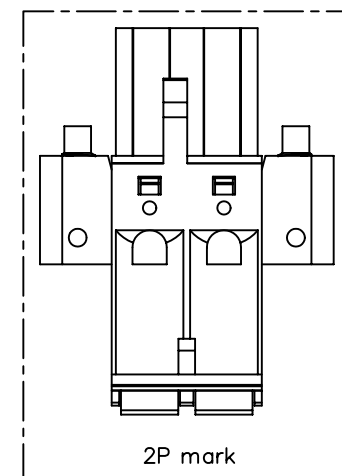
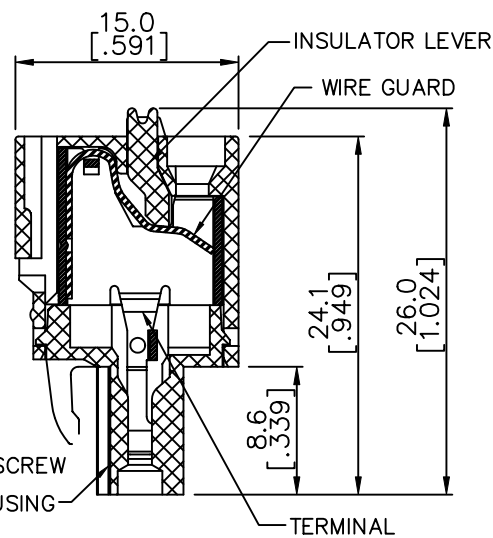
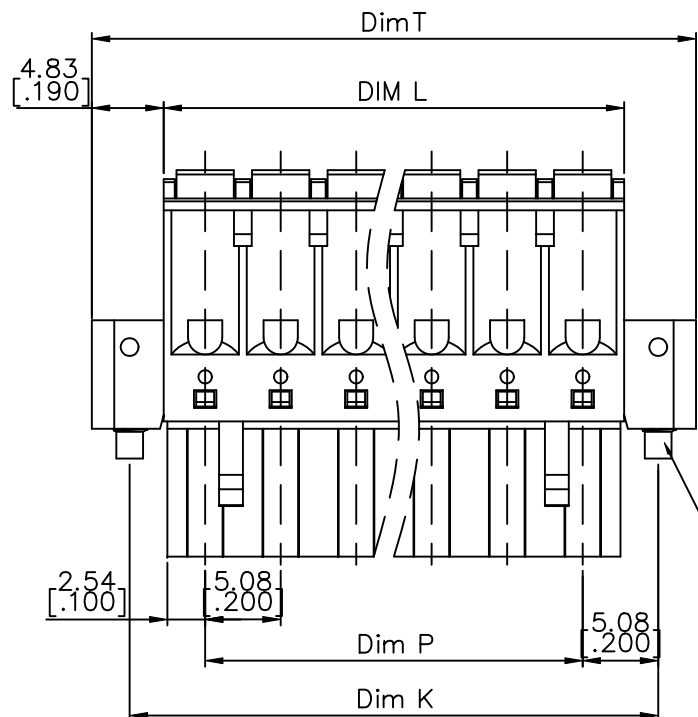
mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection 	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
B				angles X $\pm$ 0.5 X.X $\pm$ 0.3 X $\pm$ 1° X.XX $\pm$ 0.1	TERMINAL BLOCK PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE
				dr WENDY 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-HXXXXXXLF	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	tolerances unless otherwise specified				title
B				angles	X.±0.5	MM	TERMINAL BLOCK PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT W/FLANGE	
				linear	X.X±0.3			
				X*±1"	X.XX±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	
sheet index	revision sheet						CUSTOMER Drawing	