



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

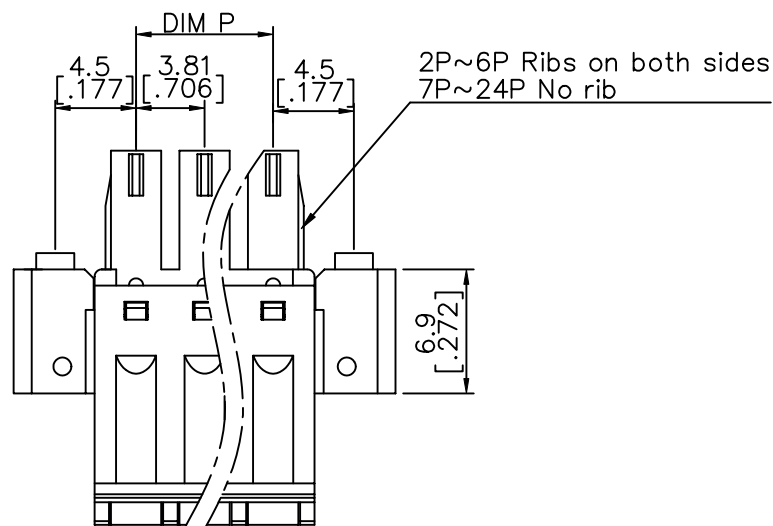
- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 INSULATING LEVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-3 WIRE GUARD : STAINLESS STEEL.
- 1-4 TERMINAL: COPPER ALLOY, TIN PLATED.
- 1-5 SCREW: STEEL, ZINC PLATED.
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
3. PRODUCT PACKING SPECIFICATION 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		tolerance		projection		product family			
				ASME Y14.5		ASME Y14.5				TERMINAL BLOCK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
A	T11-0004	WL	011811	angles	parallel	X.±0.5				TERMINAL BLOCK			
B	T-005306	WL	082311			X.X±0.3				PLUGGABLE SIGNAL PLUG, MIDDLESIDE CONTACT			
						X'±1"				W/FLANGE			
						X.XX±0.1		scale		dwg no			
				dr	WENDY CHEN	122210				sheet 1 of 4		size	
				enr	JASON HSU	122210				20020036		A4	
				chr	JASON HSU	122210							
				appd	JASON HSU	122210							
sheet index	revision sheet	B	B	B	B					type			
		1	2	3	4					CUSTOMER Drawing			

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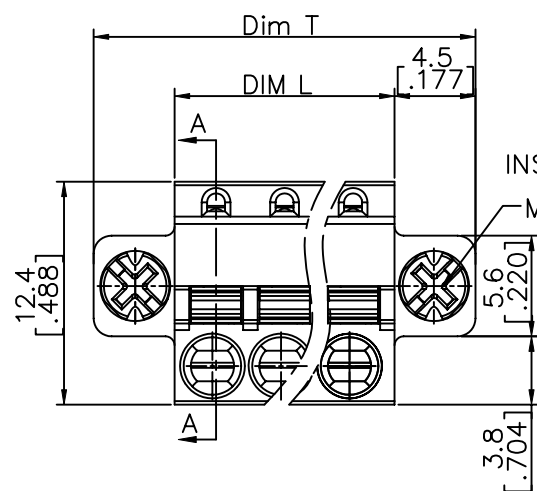


PRODUCT NUMBER	SERIES NAME	PITCH
20020036-DXXXXXXLF	35-381	3.81 mm



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

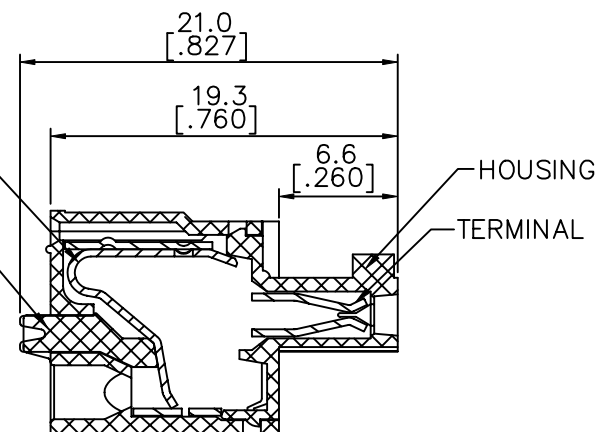
POLES	DIM. L & P	DIM. T
2-6p	$\pm 0.15 [.006]$	$\pm 0.15 [.006]$
7-12p	$\pm 0.20 [.008]$	$\pm 0.20 [.008]$
13-18p	$\pm 0.30 [.012]$	$\pm 0.30 [.012]$
19-24p	$\pm 0.40 [.016]$	$\pm 0.40 [.016]$





WIRE GUARD

INSULATOR LEVER

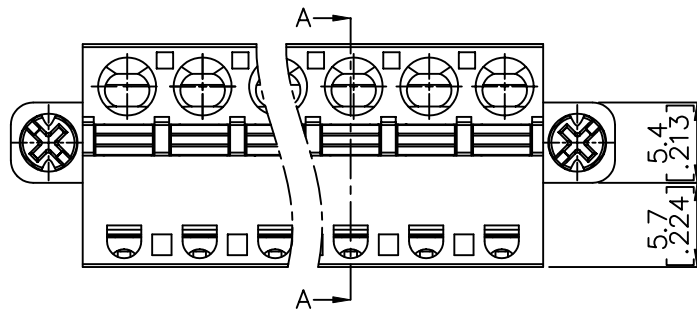
M2.5 SCREW



SECTION A-A

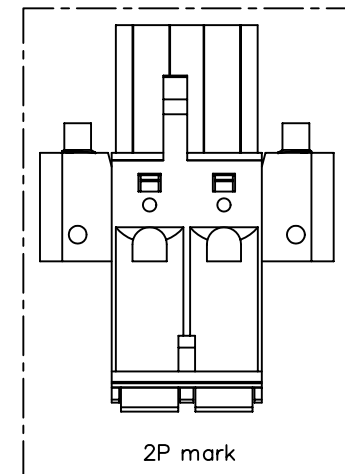
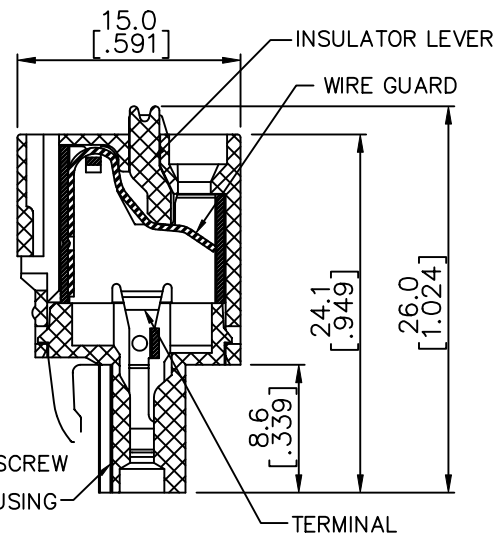
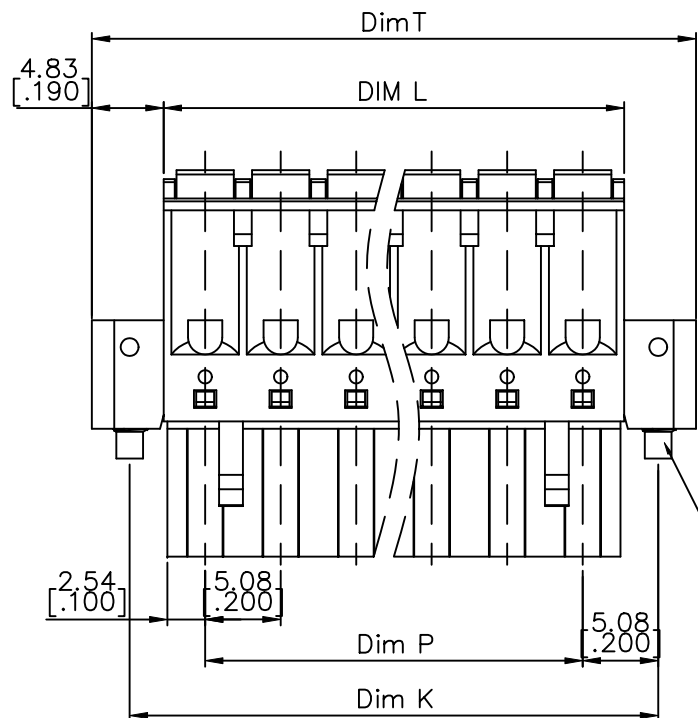
mat'l. code				surface ASME Y14.5		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title				
B				angles <div><div>line</div><div>total</div></div>		X.±0.5		<div>MM</div> <div>[INCH]</div> <div>scale</div> <div></div>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