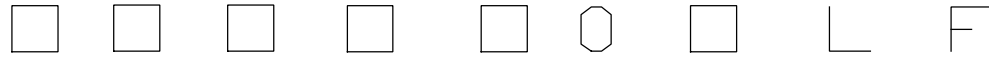


PRODUCT NUMBER

20020732-XXXXXXLF

20020732-

PITCH

U: 10.16 mm

POLES

02: 2 POLES
03: 3 POLES
04: 4 POLES

12: 12 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

CODE	SCREW TYPE	AVAILABILITY
A	-/+ 	ON REQUEST ONLY
B	- 	STANDARD

PROPERTY TABLE			
FCI SERIES NAME		41-1016	
PITCH (mm)		10.16	
VOLTAGE RATING (VAC)		600	
CURRENT RATING (A)		65	
APPLICABLE WIRE RANGE (AWG)		1-WIRE	6~20
		2-WIRE	10
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	16
		2-WIRE	6
	STRANDED	1-WIRE	16
		2-WIRE	6
OPENING CONTACT HOUSING(mm ²)		5.5x6.1	
WIRE STRIP LENGTH(mm)		10~11	
TORQUE +/-10% (N-M/Lb-in)		1.34/11.7	
SCREW		M4.5x0.75	
WITHSTANDING VOLTAGE (kV)		2.2	
OPERATING TEMP. (°C)		-40~+115	
SOLDERING TEMP. (°C)		250±10 (5 sec.)	
POLES AVAILABLE		02~12	
SAFETY CERTIFICATE			

HOUSING CODE

CODE	COLOR	AVAILABILITY
1	GREEN(RAL6018/T)	STANDARD
2	BLACK(RAL9005)	ON REQUEST ONLY
3	GREY(RAL7004/P)	ON REQUEST ONLY
4	BLUE(RAL5015/A)	ON REQUEST ONLY

NOTES:

1.MATERIALS:

1-1 HOUSIN: THERMOPLASTIC RESIN, UL94V-0 RATED.

1-2 SCREW: STEEL, ZINC PLATED.

1-3 CLAMP: COPPER ALLOY, NICKEL PLATED.

1-4 TERMINAL: COPPER ALLOY TIN PLATED.

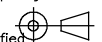
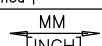
2. PRODUCT SPECIFICATION REFER TO FCI GS-12-625.

3. PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.

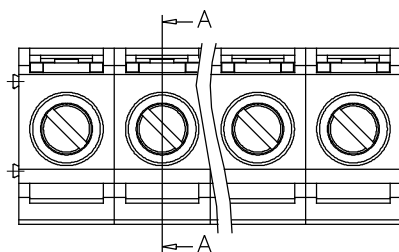
4. FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.

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.

6. RECOMENDED SOLDERING PROCESS BY WAVE SOLDER.

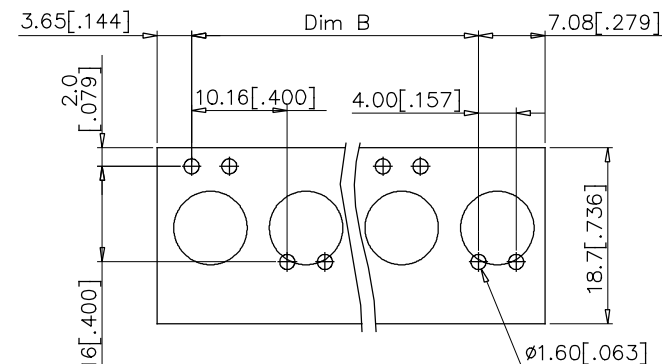
mat'l. code				surface ASME Y14.5		tolerance ASME Y14.5		projection 		product family TERMINAL BLOCK					
ltr	ecn no	dr	date	tolerances unless otherwise specified						title					
A	T10-0146	WL	091310	angles 	lineal	X.±0.5						TERMINAL BLOCK			
B	T10-0149	WL	091710			X.X±0.3						FIXED POWER PLUG, MIDDLE CONTACT			
C	T10-0152	WL	092010			X'±1"						scale			
D	T10-0172	WL	102010	dr	WENDY CHEN	090710				dwg no		sheet 1 of 2		size A4	
E	T-005202	WL	081911	enr	JASON HSU	090710				20020732					
F	T-010814	LS	050912	chr	GARY HSIEH	090710									
				appd	JOSEPH HSIA	090710				type		CUSTOMER Drawing			
sheet index	revision sheet	F	F	1	2										

PRODUCT NUMBER	SERIES NAME	PITCH
20020732-UXXXXXXLF	41-1016	10.16 mm

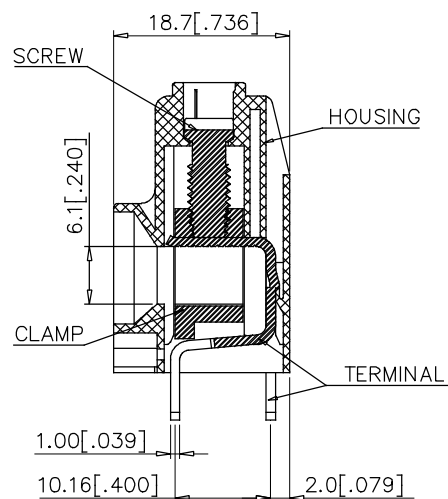
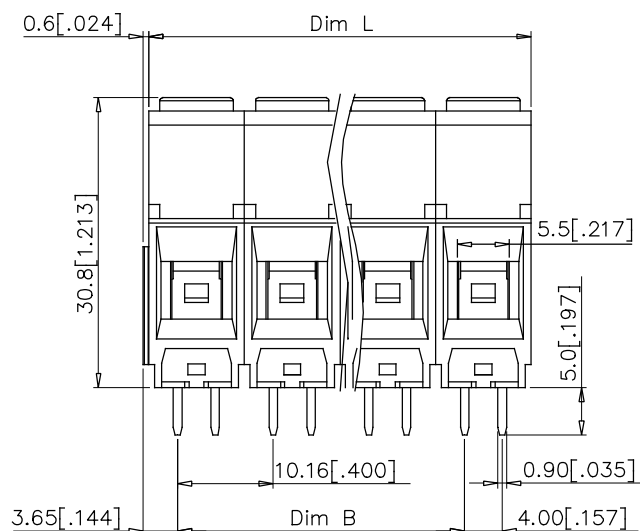


N = Number of poles
 Dim L = $N \times 10.16$ [.400]
 Dim B = $(N-1) \times 10.16$ [.400]

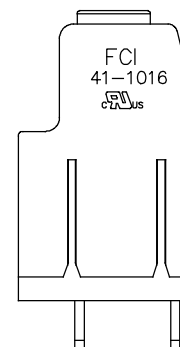
Poles	Tolerance
2-4p	± 0.20 [.008]
5-8p	± 0.30 [.012]
9-12p	± 0.40 [.016]



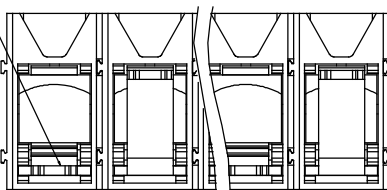
RECOMMENDED PCB LAYOUT



SEC. A-A



First pole with back contact



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			
F					angles	X.±0.5	TERMINAL BLOCK			
					inches	X.X±0.3	FIXED POWER PLUG, MIDDLE CONTACT			
					X'±1"	X.XX±0.1	scale			
					dr	WENDY CHEN 090710				
					enr	JASON HSU 090710				
					chr	GARY HSIEH 090710				
					appd	JOSEPH HSIA 090710				
sheet	revision						dwg no			
index	sheet						20020732			
							type			
							CUSTOMER Drawing			