



PRODUCT NUMBER

20020521-XXXXXXLF

20020521-□ □ □ □ □ 0 □ L F

PITCH

U : 10.16 mm

POLES

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

08 : 08 POLES

LF : DENOTED RoHS COMPATIBLE

1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

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

ALL FLANGE SCREWS ARE ONLY AVAILABLE IN +/-
COMBINATION SCREW TYPES.

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			
FCI SERIES NAME		28-1016	
PITCH (mm)		10.16	
VOLTAGE RATING (VAC)		300	
CURRENT RATING (A)		55	
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)			5.5x6.0
WIRE STRIP LENGTH(mm)			13~14
TORQUE +/-10% (N-m/Lb-in)			1.15/10.4
SCREW			M4.5x0.75
WITHSTANDING VOLTAGE (kV)			1.6
OPERATING TEMP. (°C)			-40~+115
SOLDERING TEMP. (°C)			250±10 (5 sec.)
POLES AVAILABLE			02~08
SAFETY CERTIFICATE			c  us

NOTES:

1. MATERIALS

- 1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-2 TERMINAL COVER: THERMALPLASTIC RESIN, UL 94V-0 RATED.
- 1-3 SCREW: STEEL, ZINC PLATED.
- 1-4 CLAMP: COPPER ALLOY, NICKEL PLATED.
- 1-5 TERMINAL: COPPER ALLOY, TIN PLATED.
- 1-6 WIRE GUARD: STAINLESS STEEL.

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

3. BOXED PACKAGING.

DETAILED 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									
ltr		ecn no		dr		date		tolerances unless otherwise specified				title							
A		T10-0160		WL		101210		angles		X.±0.5				TERMINAL BLOCK PLUGGABLE, POWER, PLUG W/FLANGE					
B		T10-0187		WL		121410		holes		X.X±0.3									
C		T-005285		WL		082311		X*±1"		X.XX±0.1		scale		dwg no					
								dr		WENDY CHEN		091410		sheet 1 of 2		size			
								engr		JASON HSU		091410		20020521		A4			
								chr		JASON HSU		091410							
								appd		JASON HSU		091410		FCI 		type			
																CUSTOMER Drawing			
sheet index		revision		C		C													
		sheet		1		2													

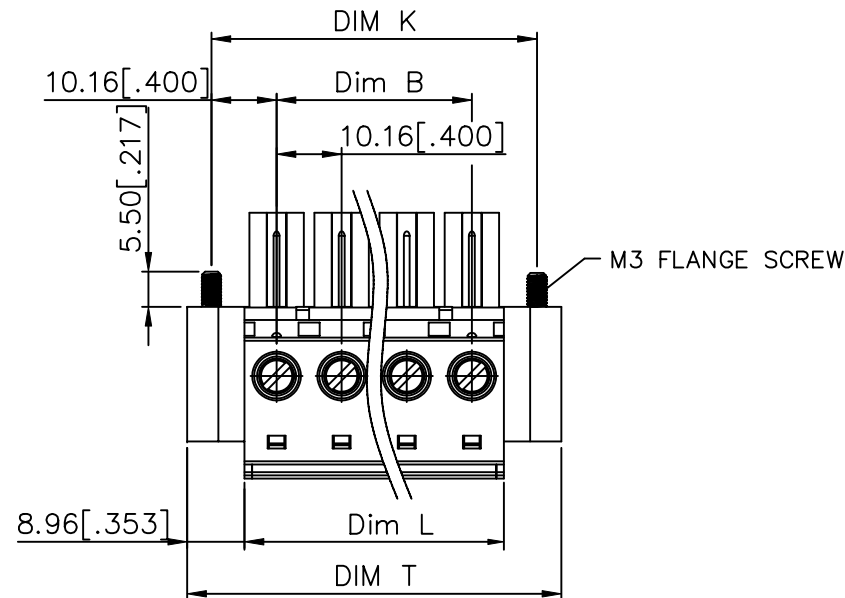


1 | 2

3 |

4

PRODUCT NUMBER	SERIES NAME	PITCH
20020521-UXXXXXXLF	28-1016	10.16 mm

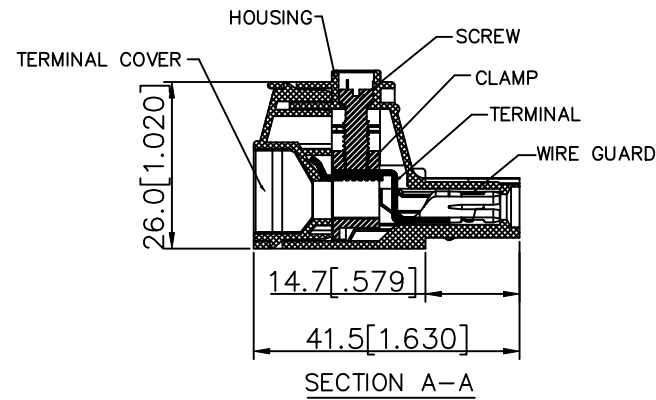
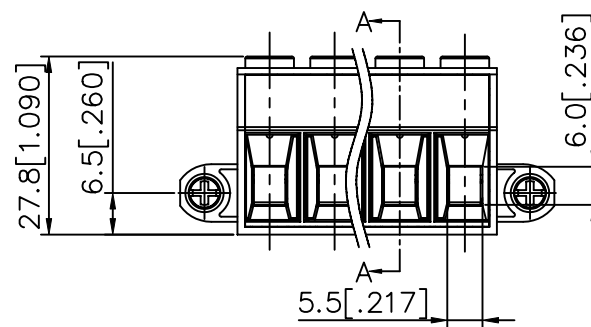


DIMENSION:

Dim L	$N \times 10.16 [.400] - 0.16 [.006]$
Dim B	$(N-1) \times 10.16 [.400]$
Dim K	$(N+1) \times 10.16 [.400]$
Dim T	$N \times 10.16 [.400] + 17.92 [.706]$

N=Number of contacts

Poles	Dim.L & B	Dim.K & T
2p-3p	$\pm 0.15 [.006]$	$\pm 0.15 [.006]$
4p-6p	$\pm 0.20 [.008]$	$\pm 0.25 [.010]$
7p-8p	$\pm 0.30 [.012]$	$\pm 0.35 [.014]$



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ltr	ecn	no	dr	date				tolerances unless otherwise specified				title TERMINAL BLOCK PLUGGABLE, POWER, PLUG W/FLANGE							
C				angles		lineal	X.±0.5												
							X.X±0.3												
				X'±1°			X.XX±0.1												
								scale											
				dr	WENDY CHEN		091410												
				enr	JASON HSU		091410												
				chr	JASON HSU		091410												
				appd	JASON HSU		091410												
sheet index		revision sheet								dwg no		sheet 2 of 2		size					
										20020521				A4					
												type				CUSTOMER Drawing			