



FCI CONFIDENTIAL

PRODUCT NUMBER
20020008-XXX1B01LF

20020008- [] [] [] 1 B 0 1 L F

PITCH

C: 3.50 mm
D: 3.81 mm
G: 5.00 mm
H: 5.08 mm

POLES

02: 2 POLES
03: 3 POLES
04: 4 POLES
|
|
24: 24 POLES

LF: DENOTED RoHS COMPATIBLE

PROPERTY TABLE

FCI SERIES NAME	02-350	02-381	02-500	02-508
PITCH (mm)	3.50	3.81	5.00	5.08
VOLTAGE RATING (VAC)	300	300	300	300
CURRENT RATING (A)	8	8	12	12
APPLICABLE WIRE RANGE(AWG)	16~28	16~28	12~24	12~24
WIRE CROSS SECTION (mm*mm)	1.5~0.15	1.5~0.15	4.0~0.2	4.0~0.2
WIRE STRIP LENGTH(mm)	6~7	6~7	6~7	6~7
TORQUE +/-10% (N-m/Lb-in)	0.19/1.7	0.19/1.7	0.4/3.5	0.4/3.5
SCREW	M2x0.4	M2x0.4	M3x0.5	M3x0.5
WITHSTANDING VOLTAGE (kV)	1.6	1.6	1.6	1.6
OPERATING TEMP. (°C)	-40~+115	-40~+115	-40~+115	-40~+115
POLES AVAILABLE	02~24	02~24	02~24	02~24

SAFETY CERTIFICATE



NOTES:

1. MATERIALS

1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED, COLOR GREEN.

1-2 SCREW: STEEL, ZINC PLATED.

1-3 CLAMP: BRASS, NICKEL PLATED.

1-4 TERMINAL: PHOSPHOROUS BRONZES, TIN PLATED.

2. PRODUCT 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.

TOLERANCES UNLESS OTHERWISE SPECIFIED				rev	ecn no	dr	date
LINEAR	X.	±0.5	D	A	DG09-0203	BF	062509
	XX	±0.30	-	B	T09-1148	BF	111709
	XX	±0.10	-	C	T09-1152	BF	112609
	XX	±1*	-	D	T10-0042	WL	030310
ANGULAR	X*	±1*	-	-	-	-	-

Material			Spec ref		*	
Mat code			✓	tolerance	projection	 
Heattreat						
Plating/Finish						
Dr	BEER FU	062509			size	Scale
Eng	BEER FU	062509	Product family		A4	
Chr	GARY HSIEH	062509	Model Name		ECN	T10-0042
Appr	JOSEPH HSIA	062509	Model Revision		REL Level	RELEASED
	title TERMINAL BLOCK Pluggable plug, hook entry side				dwg no 20020008	Rev.
						D
Pro/E file	catalog no	CUSTOMER			sheet 1 of 5	

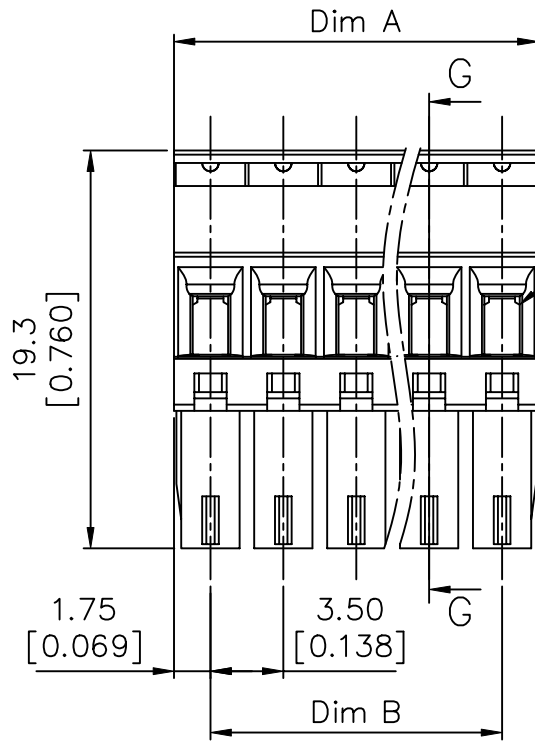
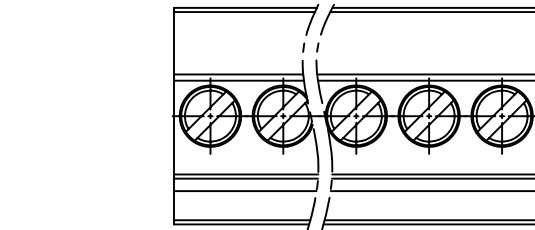
REV: 2008-04-17



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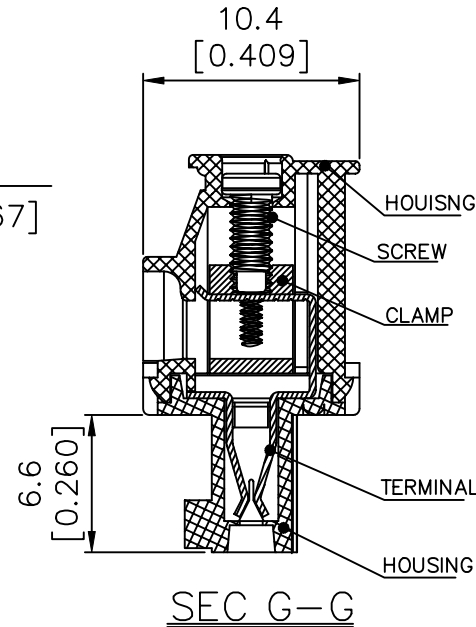
FCI CONFIDENTIAL

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-CXX1B01LF	02-350	3.50 mm



□2.8x1.7
[0.110x0.067]

2p to 6p with wedge, above 7p
without wedge (including 7p)



N = Number of poles
Dim A = $N \times 3.5$ [0.138]
Dim B = $(N-1) \times 3.5$ [0.138]

TOL.	Dim A	Dim B
2-6p	±0.15 [0.006]	
7-12p	±0.20 [0.008]	
13-18p	±0.25 [0.010]	
19-24p	±0.30 [0.012]	

Material			Spec ref			
Mat code			✓	tolerance	projection	MM ←————→
Heattreat						
Plating/Finish						
Dr	BEER FU	062509	size			Scale
Eng	BEER FU	062509	A4			
Chr	GARY HSIEH	062509	Product family			ECN T10-0042
Appr	JOSEPH HSIA	062509	Model Name			REL Level RELEASED
			Model Revision			
			title			Rev.
			TERMINAL BLOCK			D
			Pluggable plug, hook entry side			
Pro/E file		catalog no		CUSTOMER		sheet 2 of 5
				20020008		

REV: 2008-04-17

3 PDM: Rev:D

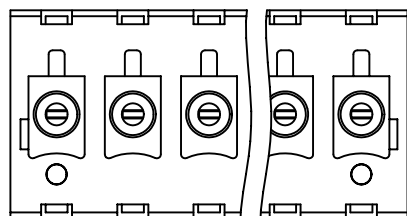
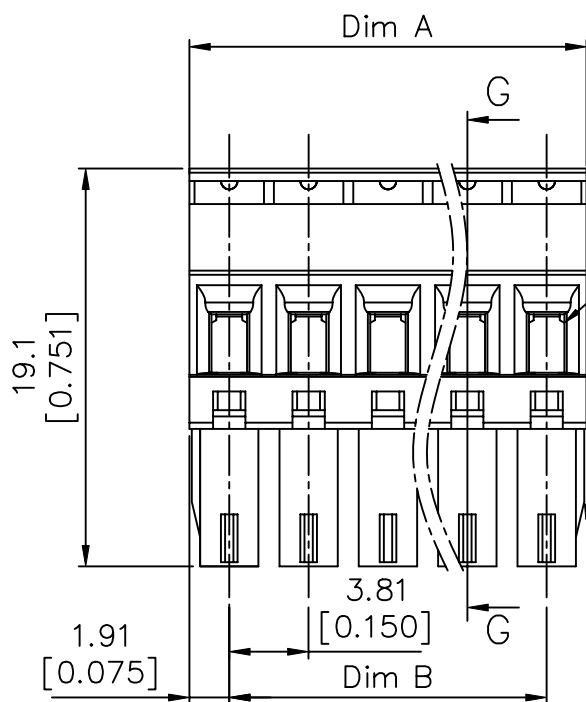
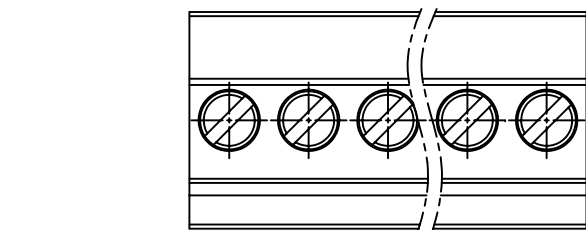
4 STATUS: Released Printed: May 08, 2010



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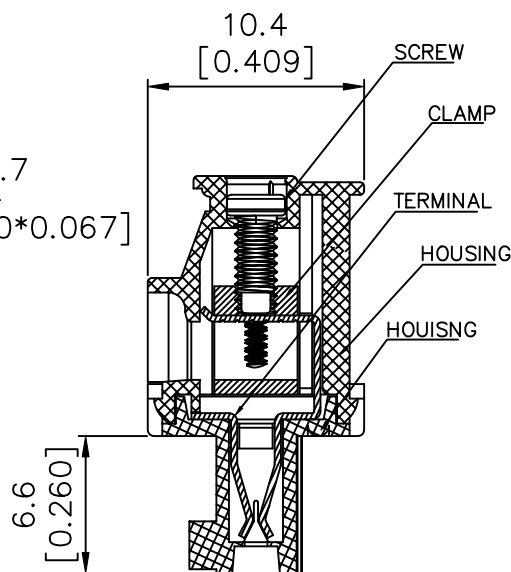
FCI CONFIDENTIAL

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-DXX1B01LF	02-381	3.81 mm



□2.8x1.7
[0.110*0.067]

2p to 6p with wedge, above 7p
without wedge (including 7p)



N = Number of poles
Dim A = $N \times 3.81$ [0.150]
Dim B = $(N-1) \times 3.81$ [0.150]

TOL.	Dim A	Dim B
2-6p	± 0.15 [0.006]	
7-12p	± 0.20 [0.008]	
13-18p	± 0.25 [0.010]	
19-24p	± 0.30 [0.012]	

Material			Spec ref				
Mat code			✓	tolerance	projection	MM ←————→	
Heattreat							
Plating/Finish							
Dr	BEER FU	062509	size			A4	Scale
Eng	BEER FU	062509	Product family				
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0042
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
	title			20020008		Rev	
	TERMINAL BLOCK					D	
	Pluggable plug, hook entry side						
Pro/E file	catalog no			CUSTOMER		sheet 3 of 5	

REV: 2008-04-17

3 PDM: Rev:D

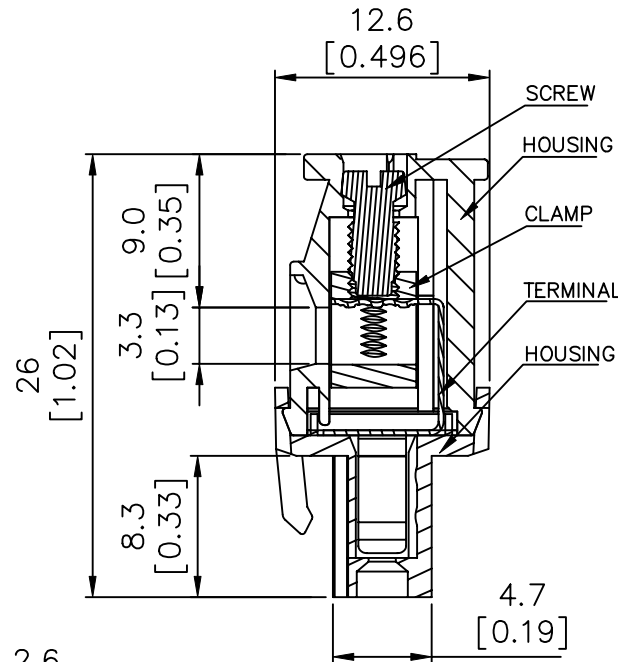
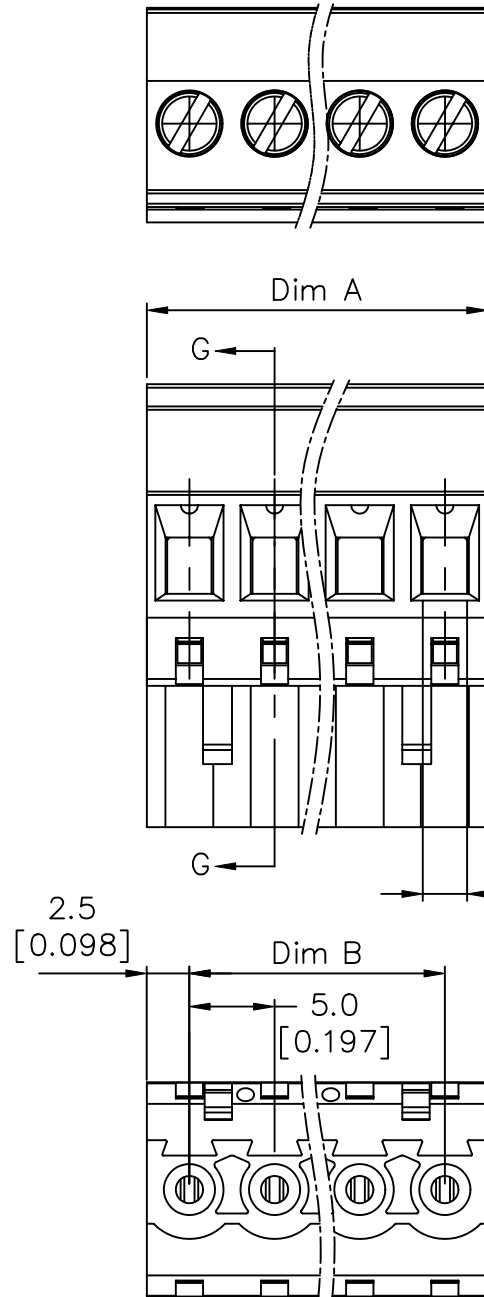
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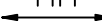
FCI CONFIDENTIAL

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-GXX1B01LF	02-500	5.00 mm



N = Number of poles
Dim A = $N \times 5.0 [0.197]$
Dim B = $(N-1) \times 5.0 [0.197]$

TOL.	Dim A	Dim B
2-6p	$\pm 0.15 [0.006]$	
7-12p	$\pm 0.25 [0.010]$	
13-18p	$\pm 0.30 [0.012]$	
19-24p	$\pm 0.40 [0.016]$	

Material			Spec ref				
Mat code			✓	tolerance	proJection		MM 
Heattreat							
Plating/Finish							
Dr	BEER FU	062509				size	Scale
Eng	BEER FU	062509	Product family			A4	
Chr	GARY HSIEH	062509	Model Name			ECN	T10-0042
Appr	JOSEPH HSIA	062509	Model Revision			REL Level	RELEASED
	title TERMINAL BLOCK Pluggable plug, hook entry side			dwg no	20020008		Rev. D
Pro/E file	catalog no			CUSTOMER		sheet 4 of 5	

REV: 2008-04-17

PDM: Rev:D

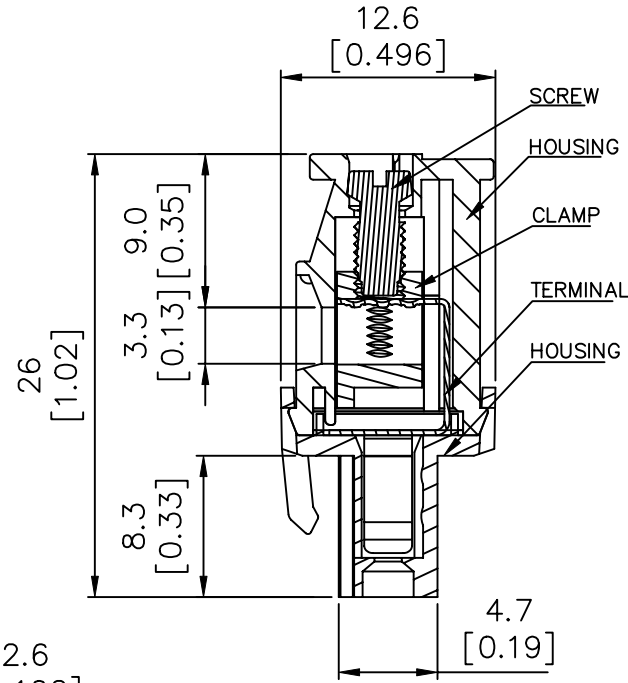
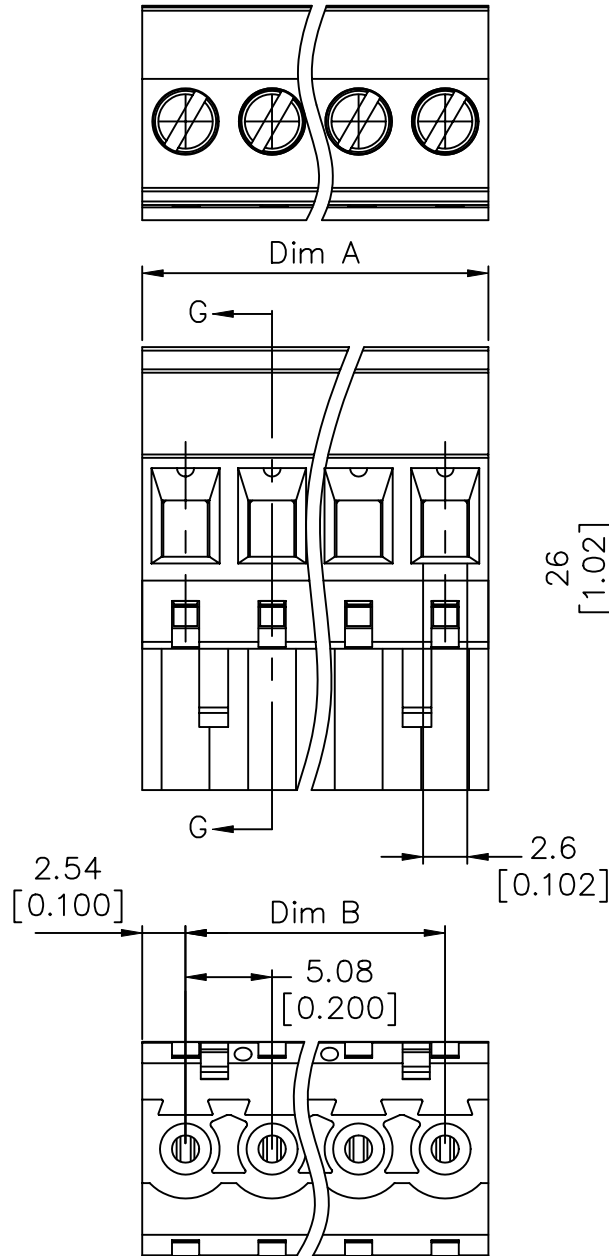
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FCI CONFIDENTIAL

PRODUCT NUMBER	SERIES NAME	PITCH
20020008-HXX1B01LF	02-508	5.08 mm



Section G-G

N = Number of poles
Dim A = $N \times 5.08 [0.200]$
Dim B = $(N-1) \times 5.08 [0.200]$

TOL.	Dim A	Dim B
2-6p	$\pm 0.15 [0.006]$	
7-12p	$\pm 0.25 [0.010]$	
13-18p	$\pm 0.30 [0.012]$	
19-24p	$\pm 0.40 [0.016]$	

Material			Spec ref				
Mat code			✓	tolerance	projection	MM ←————→	
Heattreat							
Plating/Finish							
Dr	BEER FU	062509	size			Scale	
Eng	BEER FU	062509	A4				
Chr	GARY HSIEH	062509	Model Name			ECN T10-0042	
Appr	JOSEPH HSIA	062509	Model Revision			REL Level RELEASED	
	title TERMINAL BLOCK Pluggable plug, hook entry side			dwg no	20020008		Rev. D
Pro/E file	catalog no			CUSTOMER		sheet 5 of 5	

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