

PRODUCT NUMBER
20020008-XXXXXXLF

20020008 -

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



1 : STANDARD PRODUCT
W/ BOX PACKING

SCREW CODE

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





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

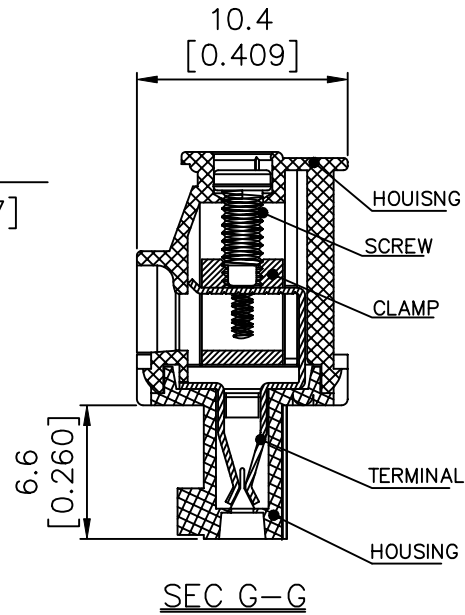
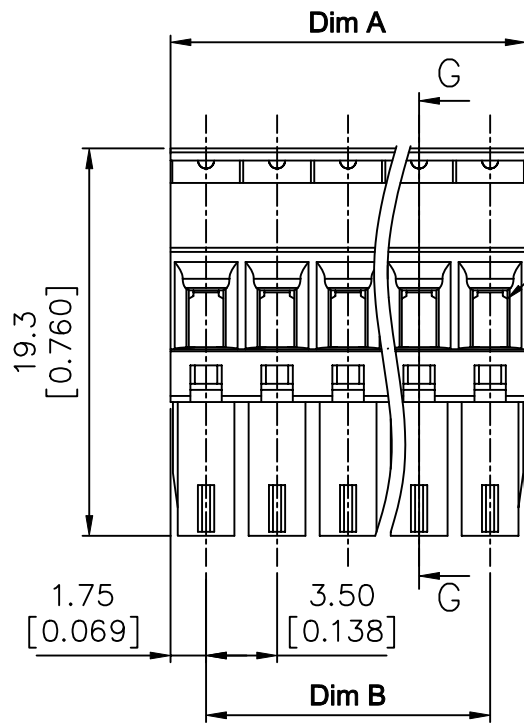
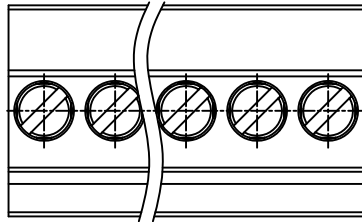
PROPERTY TABLE						
FCI SERIES NAME		02-350	02-381	02-500	02-508	
PITCH (mm)		3.50	3.81	5.00	5.08	
VOLTAGE RATING (VAC)		300	300	300	300	
CURRENT RATING (A)		8	8	12	12	
APPLICABLE WIRE RANGE (AWG)	1-WIRE	16~28	16~28	12~24	12~24	
	2-WIRE	20	20	18	18	
WIRE CROSS SECTION (mm ²)	SOLID	1-WIRE	1.5	1.5	2.5	2.5
		2-WIRE	0.5	0.5	1.0	1.0
	STRANDED	1-WIRE	1.5	1.5	2.5	2.5
		2-WIRE	0.75	0.75	1.5	1.5
OPENING CONTACT HOUSING(mm ²)		2.8x1.7	2.8x1.7	2.6x3.3	2.6x3.3	
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:

- MATERIALS
1-1 HOUSING: THERMALPLASTIC RESIN, UL 94V-0 RATED,
1-2 SCREW: STEEL, ZINC PLATED.
1-3 CLAMP: COPPER ALLOY, NICKEL PLATED.
1-4 TERMINAL: COPPER ALLOY, TIN PLATED.
- PRODUCT SPECIFICATION REFER TO FCI GS-12-625.
- PRODUCT PACKING SPECIFICATION REFER TO FCI GS-14-1394.
- FCI, SAFETY CERTIFICATE LOGO AND SERIES NAME TO BE SHOWN ON PRODUCT SURFACE.
- THE PRODUCTS WHERE THE PART NUMBER END IN "LF" MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

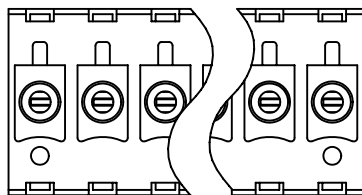
mat'l. code				surface ASME Y14.5	tolerance ASME Y14.5	projection	product family
							TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	0609-0203	BF	062509	angles	X.±0.5		TERMINAL BLOCK Pluggable plug, hook entry side
B	T09-1148	BF	111709	tolerance	X.X±0.3		
C	T09-1152	BF	112609	form	X.XX±0.1	scale	
D	T10-0042	WL	030310	dr	BEER FU	062509	 dwg no sheet 1 of 5 size A4 type CUSTOMER Drawing
E	T10-0082	WL	080510	enr	BEER FU	062509	
F	T10-0172	WL	102010	chr	GARY HSIEH	062509	
				appd	JOSEPH HSIA	062509	
sheet index	revision sheet	F 1	F 2	F 3	F 4	F 5	

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



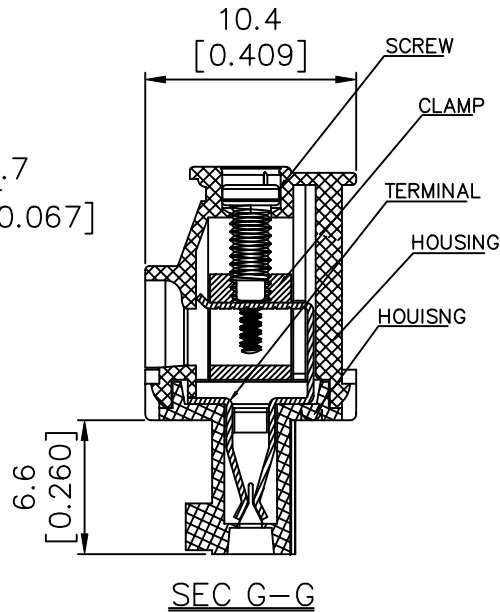
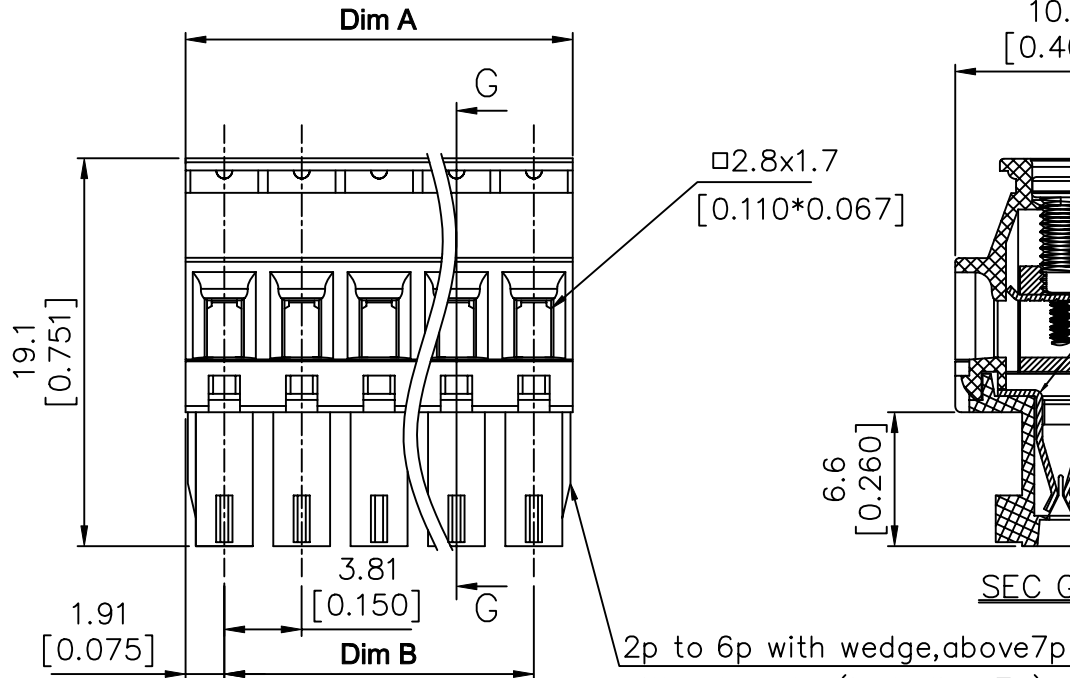
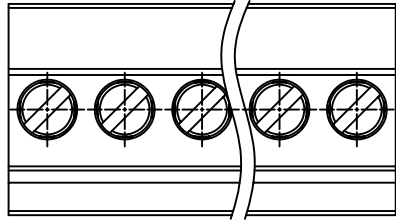
N = Number of poles
 Dim A = $N \times 3.5$ [0.138]
 Dim B = $(N-1) \times 3.5$ [0.138]

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]	



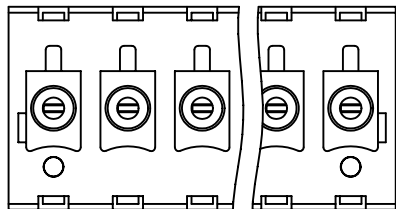
mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK Pluggable plug, hook entry side	
F				scale	dwg no 20020008
					sheet 2 of 5
					size A4
					type CUSTOMER Drawing
dr	BEER FU	062509			
enr	BEER FU	062509			
chr	GARY HSIEH	062509			
appd	JOSEPH HSIA	062509			
sheet index	revision sheet				

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



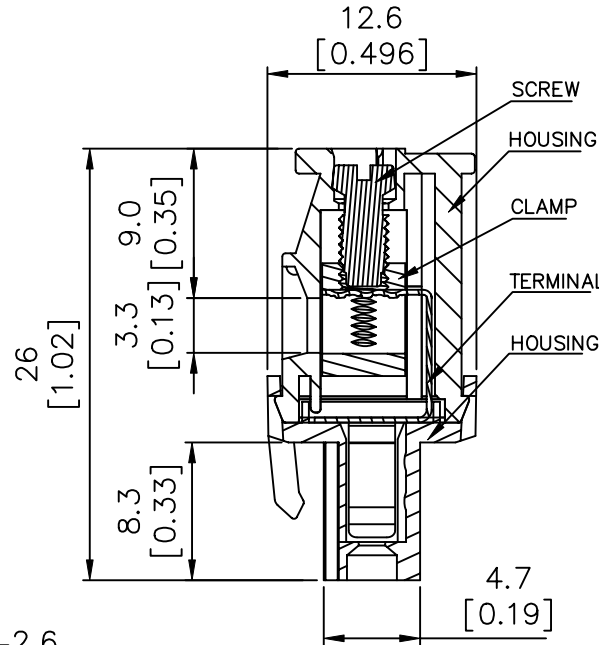
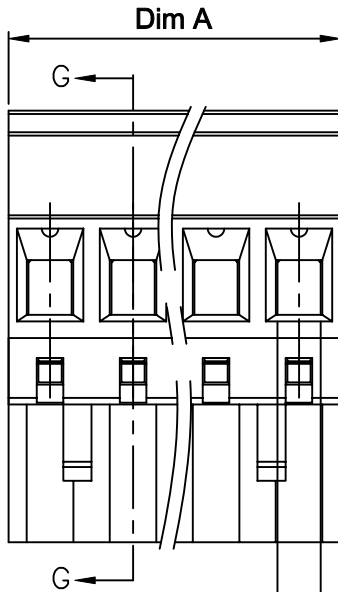
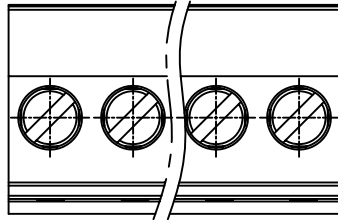
N = Number of poles
 Dim A = $N \times 3.81$ [0.150]
 Dim B = $(N-1) \times 3.81$ [0.150]

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]	



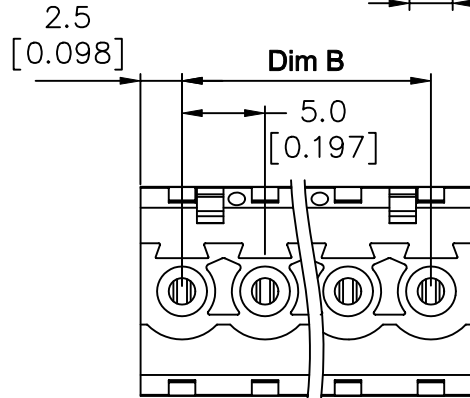
mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
F				angles X \pm 0.5 X.X \pm 0.3 X.XX \pm 0.1	TERMINAL BLOCK Pluggable plug, hook entry side
				scale	dwg no
		dr	BEER FU	062509	sheet 3 of 5
		enr	BEER FU	062509	size
		chr	GARY HSIEH	062509	20020008
		appd	JOSEPH HSIA	062509	A4
sheet index	revision sheet				type CUSTOMER Drawing

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



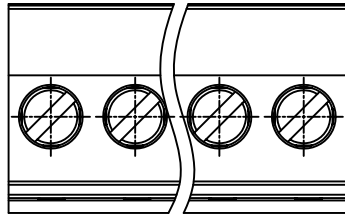
N = Number of poles
 Dim A = $N \times 5.0 [0.197]$
 Dim B = $(N-1) \times 5.0 [0.197]$

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	$\pm 0.40 [0.016]$	

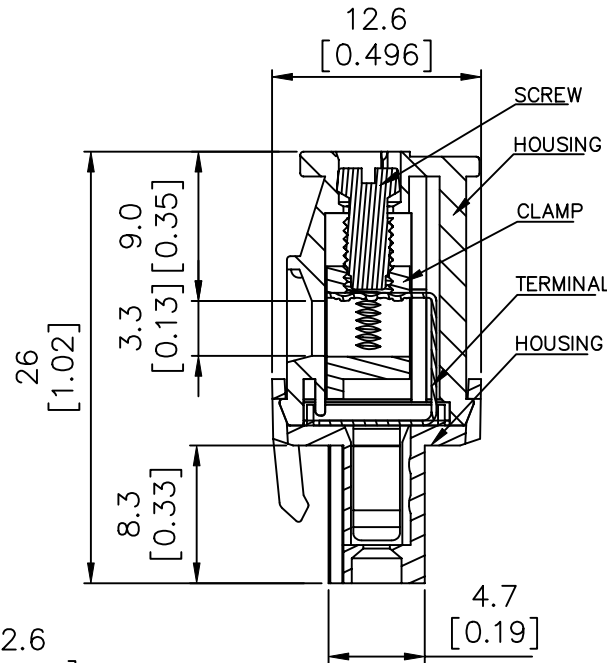
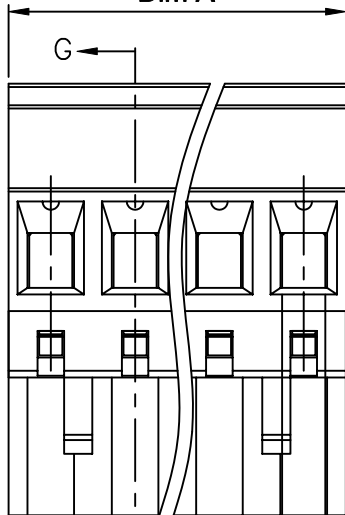


mat'l. code		surface ASME Y14.5	tolerance ASME Y14.5	projection MM INCH	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title TERMINAL BLOCK Pluggable plug, hook entry side	
F				scale	
		dr	BEER FU	062509	sheet 4 of 5
		enr	BEER FU	062509	size A4
		chr	GARY HSIEH	062509	20020008
		appd	JOSEPH HSIA	062509	type CUSTOMER Drawing
sheet index	revision sheet				

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



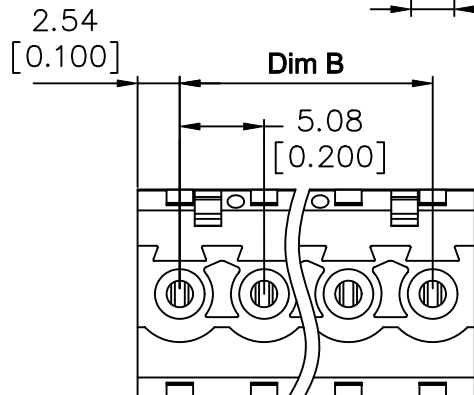
Dim A



Section G-G

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

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



Dim B

mat'l. code		surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection ⊕	product family TERMINAL BLOCK
ltr	ecn no	dr	date	title	
F				MM [INCH]	TERMINAL BLOCK Pluggable plug, hook entry side
				dr	sheet 5 of 5
				enr	20020008
				chr	A4
				appd	type
					CUSTOMER Drawing
sheet index	revision sheet				