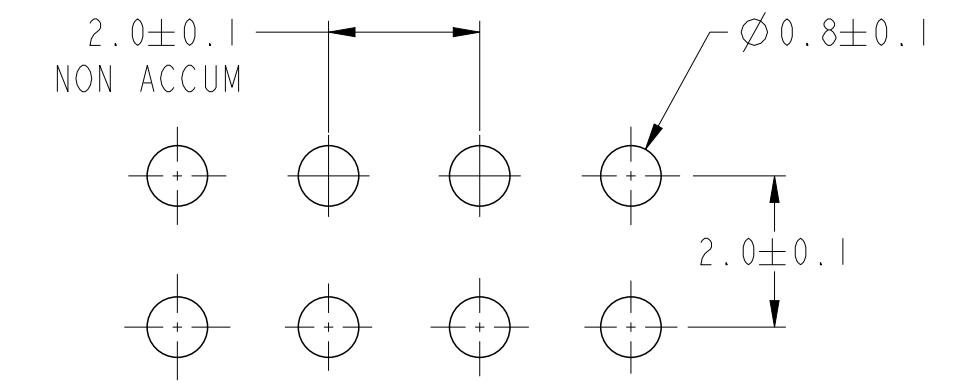
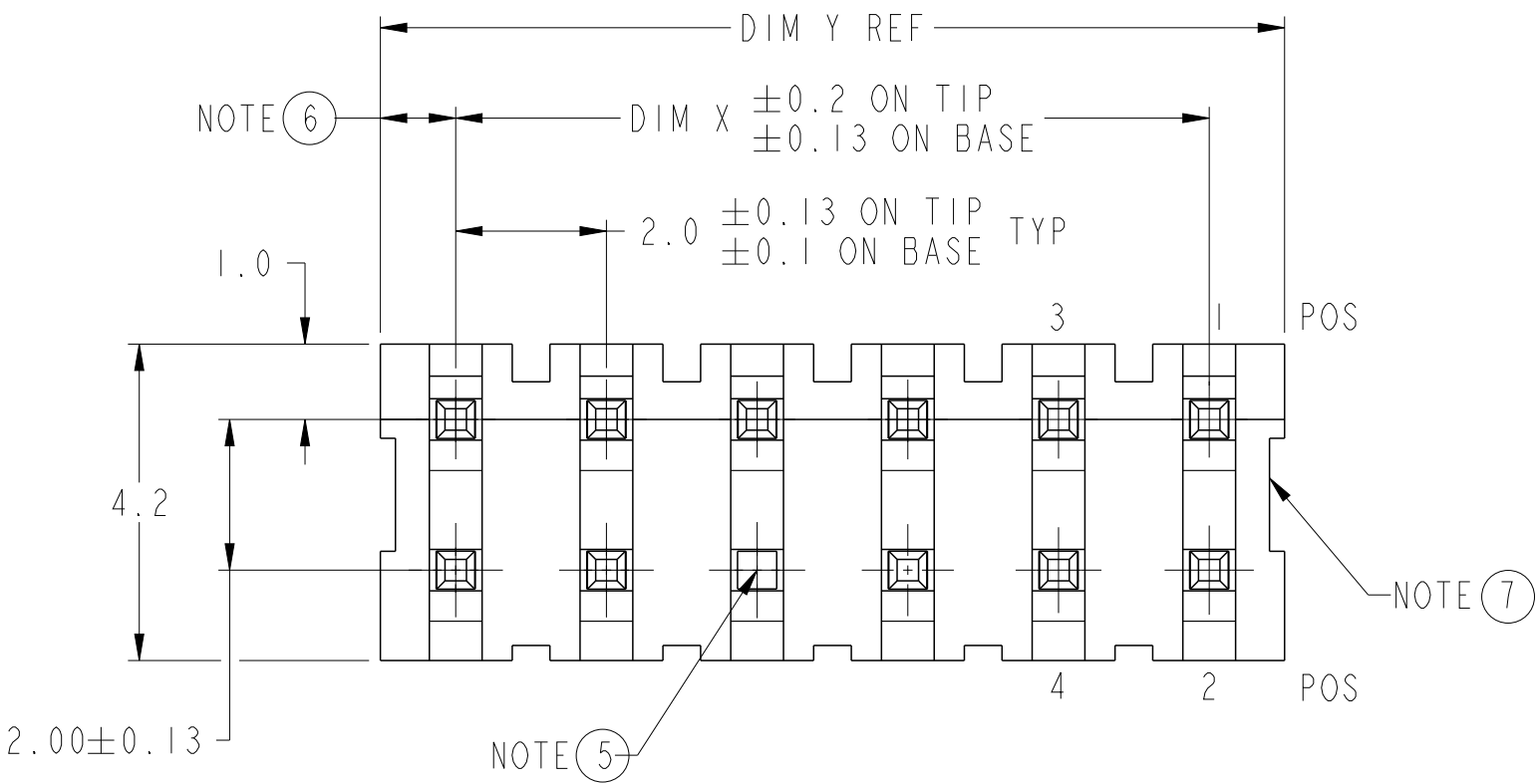
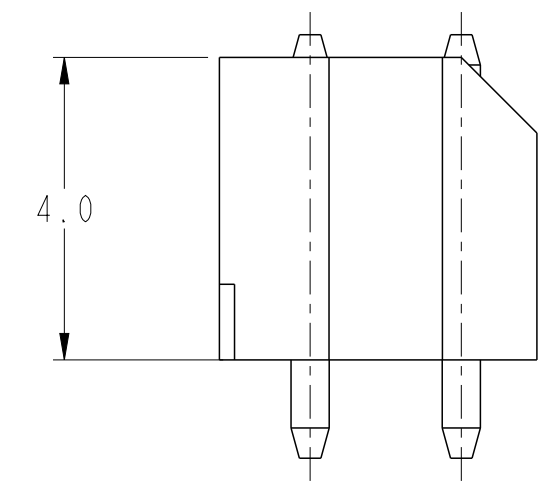
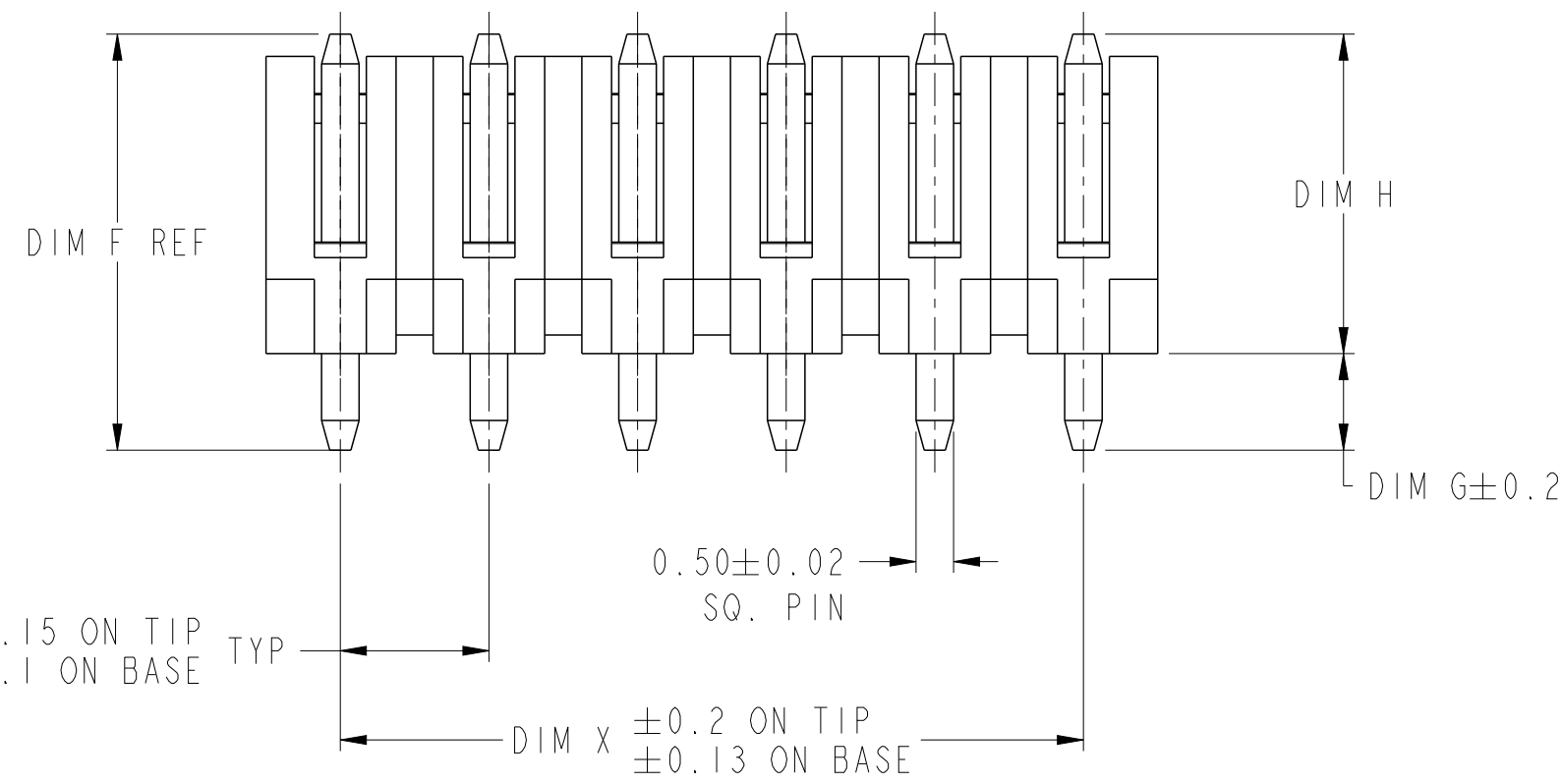
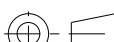




RECOMMENDED MOUNTING HOLE LAYOUT



spec ref -				dr	Andrew Yong	2010/10/21	projection 	MM 	size	A3	scale	9:1	
tolerance std				eng	Guo-Min Sun	2013/09/09			ecn no				ELX-N-15787-1
ISO 406 ISO 1101				TOLERANCES UNLESS OTHERWISE SPECIFIED					chr	-	-	rel level	
surface - ISO 1302				linear	0.X	±0.50		title	MINITEK II 2.0MM HOLDING HEADER	dwg no	87139	rev	AV
ISO 1302	angular	0.XX	±0.25										
		0.XXX	±0.15										
		0°	±3°										
www.fci.com				cat. no.		-	Product - Customer Drw				sheet 1 of 4		

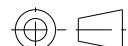
1				2				
PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL. POS	
87139-X01	2 X 6	5.6	1.3	4.3	10	12	-	
-X02	2 X 8	5.6	1.3	4.3	14	16	-	
-X03	2 X 9	5.6	1.3	4.3	16	18	-	
-X04	2 X 9	6.3	2.0	4.3	16	18	-	
-X05	2 X 6	6.3	2.0	4.3	10	12	-	
-X06	2 X 3	6.3	2.0	4.3	4	6	-	
-X07	2 X 5	6.3	2.0	4.3	8	10	-	
-X08	2 X 10	6.3	2.0	4.3	18	20	-	
-X09	2 X 1	—— ——— OBSOLETED ——— ———						
-X10	2 X 8	6.3	2.0	4.3	14	16	-	
-X11	2 X 4	6.3	2.0	4.3	6	8	-	
-X12	2 X 6	6.0	2.5	3.5	10	12	-	
-X13	2 X 10	6.5	2.5	4.0	18	20	-	
-X14	2 X 2	6.5	2.5	4.0	2	4	-	
-X15	2 X 2	5.0	1.5	3.5	2	4	-	
-X16	2 X 2	6.3	2.0	4.3	2	4	4	
-X17	2 X 2	6.3	2.0	4.3	2	4	3, 4	
-X18	2 X 2	5.0	1.5	3.5	2	4	3, 4	
-X19	2 X 2	6.2	2.7	3.5	2	4	-	
-X20	2 X 4	6.5	2.5	4.0	6	8	-	
-X21	2 X 5	6.5	2.5	4.0	8	10	-	
-X22	2 X 3	5.0	1.5	3.5	4	6	-	
-X23	2 X 7	5.8	2.5	3.3	12	14	-	
-X24	2 X 2	6.3	2.0	4.3	2	4	-	
-X25	2 X 8	5.8	2.5	3.3	14	16	-	

NOTES:

- MATERIAL:
BODY : G.F NYLON UL94V-0 BLACK
PIN : PHOSPHOR BRONZE
- TOLERANCE UNLESS OTHERWISE NOTED ± 0.25
- HEADER BODY TO BE REMOVED AFTER SOLDERING
- PIN TO HOUSING RETENTION FORCE 200 gm MAX.
PER PIN AFTER SUBJECTION TO SOLDER TEMPERATURE
AT 260°C FOR 5 sec.
- POLARISED BY OMISSION OF PINS.REFER TO TABLE
FOR POL. POS
- DIM 1.0 APPLIES TO MOLDED SIDE(S) ONLY. IF
SIDE(S) ARE SAW, DIM 0.5 MIN APPLIES.
- RECESS APPLIES TO MOLDED SIDE(S) ONLY.
- PRODUCT DESCRIPTION CODE :

XXXXX-XXXLF
LEAD FREE (SEE NOTES 9 & 11)
TERMINAL PLATING
BASE NUMBER

- P/N:87139-XXXLF IS SAME AS P/N:87139-XXX. THE SUFFIX 'LF' IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.57MM MINIMUM THICK CIRCUIT BOARD.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

dr	Andrew Yong	2010/10/21			size	A3	scale	9:1	
eng	Guo-Min Sun	2013/09/09			ecn no		ELX-N-15787-1		
chr	-	-			rel level				
appr	Rick Bian	2013/09/09	product family		-	Released			
		title			MINITEK II		dwg no		rev
		2.0MM HOLDING HEADER			87139				AV
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 2 of 4		

A

B

C

D

PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL. POS
87139-X26	2 X 4	5.0	1.5	3.5	6	8	-
-X27	2 X 3	5.6	2.1	3.5	4	6	-
-X28	2 X 4	5.6	2.1	3.5	6	8	-
-X29	2 X 2	5.6	2.1	3.5	2	4	-
-X30	2 X 5	5.6	2.1	3.5	8	10	-
-X31	2 X 2	5.6	2.1	3.5	2	4	2, 4
-X32	2 X 5	6.3	2.0	4.3	8	10	3
-X33	2 X 8	5.6	2.3	3.3	14	16	-
-X34	2 X 2	6.2	2.5	3.7	2	4	-
-X35	2 X 4	6.2	2.5	3.7	6	8	-
-X36	2 X 4	6.2	2.5	3.7	6	8	2, 3, 4, 6, 8
-X37	2 X 2	6.2	2.5	3.7	2	4	1, 2, 4
-X38	2 X 7	6.2	2.5	3.7	12	14	11, 12, 13
-X39	2 X 2	3.5	1.5	2.0	2	4	-
-X40	2 X 5	4.3	1.8	2.5	8	10	-
-X41	2 X 8	6.0	1.7	4.3	14	16	-
-X42	2 X 6	6.0	1.7	4.3	10	12	1, 3, 5, 7, 9, 11
-X43	2 X 10	4.0	2.0	2.0	18	20	-
-X44	2 X 2	4.4	1.5	2.9	2	4	-
-X45	2 X 2	4.4	1.5	2.9	2	4	3, 4
-X46	2 X 10	4.5	2.5	2.0	18	20	-
-X47	2 X 3	3.5	1.5	2.0	4	6	-
-X48	2 X 2	3.27	1.27	2.0	2	4	-
-X49	2 X 3	3.27	1.27	2.0	4	6	-
-X50	2 X 7	5.6	2.3	3.3	12	14	-

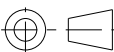
PLATING	DESCRIPTION
0	0.2um Au
1	0.76um Au
2	UNASSINGED
3	0.38um Au
4	UNASSINGED
5	0.38um GXT
6	0.76um GXT

A

B

C

D

dr	Andrew Yong	2010/10/21	projection 	MM 	size	A3	scale	9:1
eng	Guo-Min Sun	2013/09/09						
chr	-	-				ecn no	ELX-N-15787-1	
appr	Rick Bian	2013/09/09	product family		-	rel level	Released	
		title			dwg no		rev	
		MINITEK II			87139		AV	
		2.0MM HOLDING HEADER						
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 3 of 4	

BD