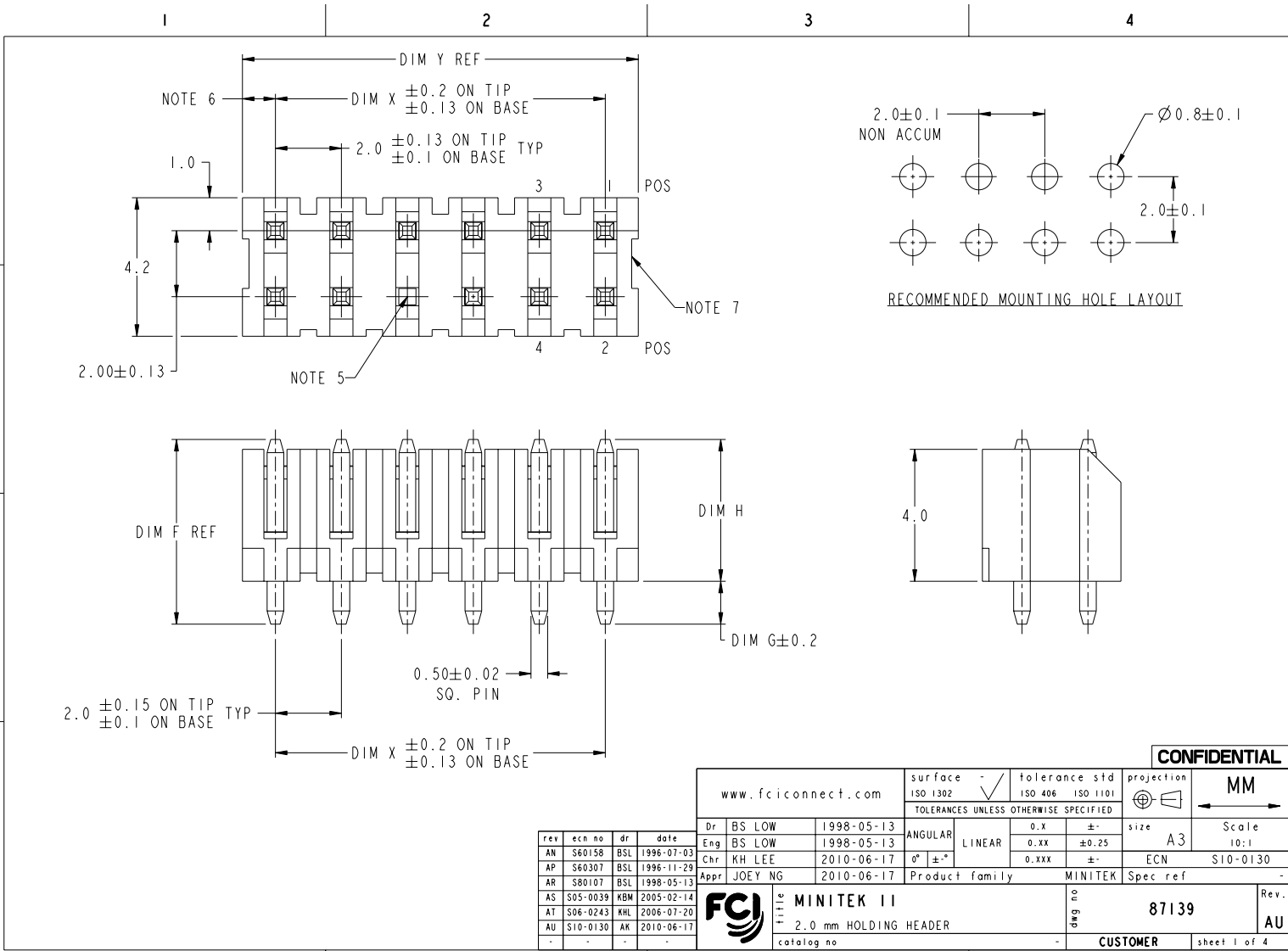


Copyright FCI



CONFIDENTIAL

www.fciconnect.com		surface - ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A3	Scale 10:1
Dr BS LOW	1998-05-13	ANGULAR	0.X ±	ECN S10-0130	Rev. -
Eng BS LOW	1998-05-13	LINEAR	0.XX ±0.25	Spec ref -	
Chr KH LEE	2010-06-17	0° ±*	0.XXX ±		
Appr JOEY NG	2010-06-17	Product family	MINITEK		
FCI		MINITEK II		87139	Rev. AU
2.0 mm HOLDING HEADER		CUSTOMER		sheet 1 of 4	
catalog no					

rev	ecn no	dr	date
AN	S60158	BSL	1996-07-03
AP	S60307	BSL	1996-11-29
AR	S80107	BSL	1998-05-13
AS	S05-0039	KBM	2005-02-14
AT	S06-0243	KHL	2006-07-20
AU	S10-0130	AK	2010-06-17
-	-	-	-

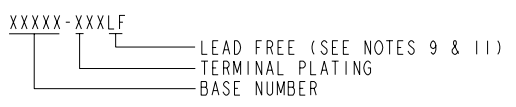
REV E - 2006-03-28

PDM: Rev:AU STATUS:Released Printed: Nov 27, 2010

	1	2	3	4				
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	OBSOLETE						-
-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 :



- 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.
- A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

www.fciconnect.com				surface <input checked="" type="checkbox"/> ISO 1302	tolerance std ISO 406 ISO 1101	projection	MM
				TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	BS LOW	1998-05-13	ANGULAR	0.X	±	size A3	Scale 6:1
Eng	BS LOW	1998-05-13	LINEAR	0.XX	±0.25	ECN S10-0130	
Chr	KH LEE	2010-06-17	0° ±*	0.XXX	±	Spec ref	
Appr	JOEY NG	2010-06-17	Product family	MINITEK			
				MINITEK II		87139	Rev. AU
				2.0 mm HOLDING HEADER		CUSTOMER	sheet 2 of 4
				catalog no			

Copyright FCI.

REV E - 2006-03-28

	1		2				3		4	
	PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL.	POS	
A	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	-		
B	-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		
C	-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	0.2µm Au
1	0.76µm Au
2	UNASSINGED
3	0.38µm Au
4	UNASSINGED
5	0.38µm GXT
6	0.76µm GXT



Copyright FCI.

CONFIDENTIAL

www.fciconnect.com			surface - / ISO 1302	tolerance std ISO 406 ISO 1101	projection MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	BS LOW	1998-05-13	ANGULAR	0.X	±
Eng	BS LOW	1998-05-13	LINEAR	0.XX	±0.25
Chr	KH LEE	2010-06-17	0° ±*	0.XXX	±
Appr	JOEY NG	2010-06-17	Product family	MINITEK	Spec ref -
			TITLE MINITEK II		Rev. AU
			2.0 mm HOLDING HEADER		87139
			catalog no		CUSTOMER sheet 3 of 4

REV E - 2006-03-28

PDM: Rev:AU STATUS:Released Printed: Nov 27, 2010

PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y	POL. POS
87139-X51	2 X 8	5.6	2.3	3.3	14	16	-
-X52	2 X 10	6.3	2.0	4.3	18	20	1, 3, 5, 7, 8, 9, 11, 13, 15, 17, 19
-X53	2 X 9	5.1	1.6	3.5	16	18	7, 8
-X54	2 X 6	3.27	1.27	2.0	10	12	-
-X55	2 X 9	5.0	1.5	3.5	16	18	13
-X56	2 X 3	4.7	1.2	3.5	4	6	-
-X57	2 X 7	5.6	1.3	4.3	12	14	-
-X58	2 X 2	8.0	2.5	5.5	2	4	-
-X59	2 X 6	6.5	2.5	4.0	10	12	-
-X60	2 X 7	6.5	2.5	4.0	12	14	-
-X61	2 X 3	6.0	2.5	3.5	4	6	-



CONFIDENTIAL											
www.fciconnect.com			surface	-	tolerance std	ISO 1302	ISO 406	ISO 1101	projection	MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	BS LOW	1998-05-13	ANGULAR	LINEAR	0.X	±	size	A3	Scale	6:1	
Eng	BS LOW	1998-05-13			0.XX	±0.25					
Chr	KH LEE	2010-06-17	0° ±*		0.XXX	±	ECN	S10-0130			
Appr	JOEY NG	2010-06-17	Product family			MINITEK	Spec ref		-		
			TITLE				87139		Rev.		AU
			2.0 mm HOLDING HEADER				CUSTOMER		sheet 4 of 4		
			catalog no								

REV E - 2006-03-28

PDM: Rev:AU STATUS:Released Printed: Nov 27, 2010

Copyright FCI.