



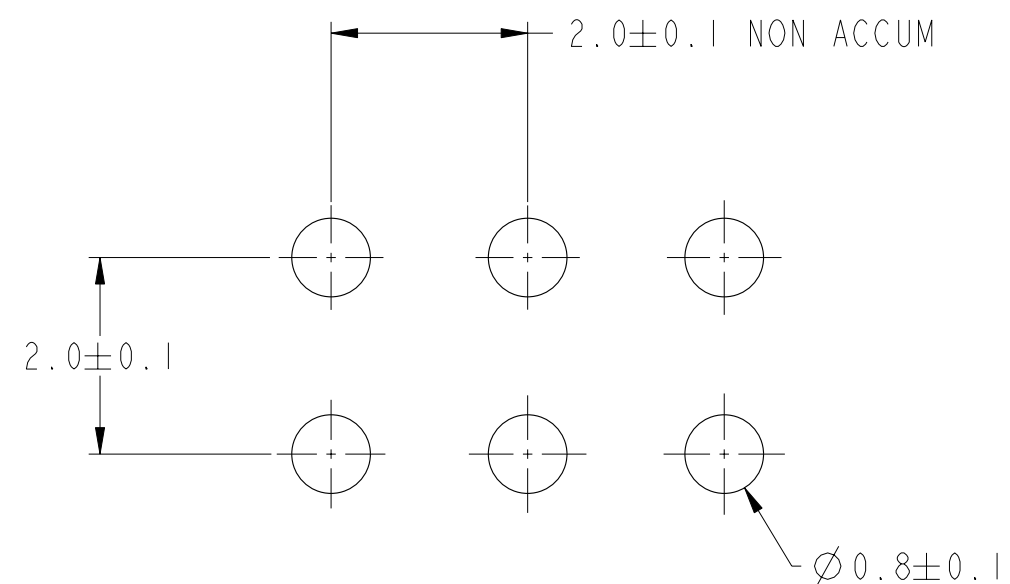
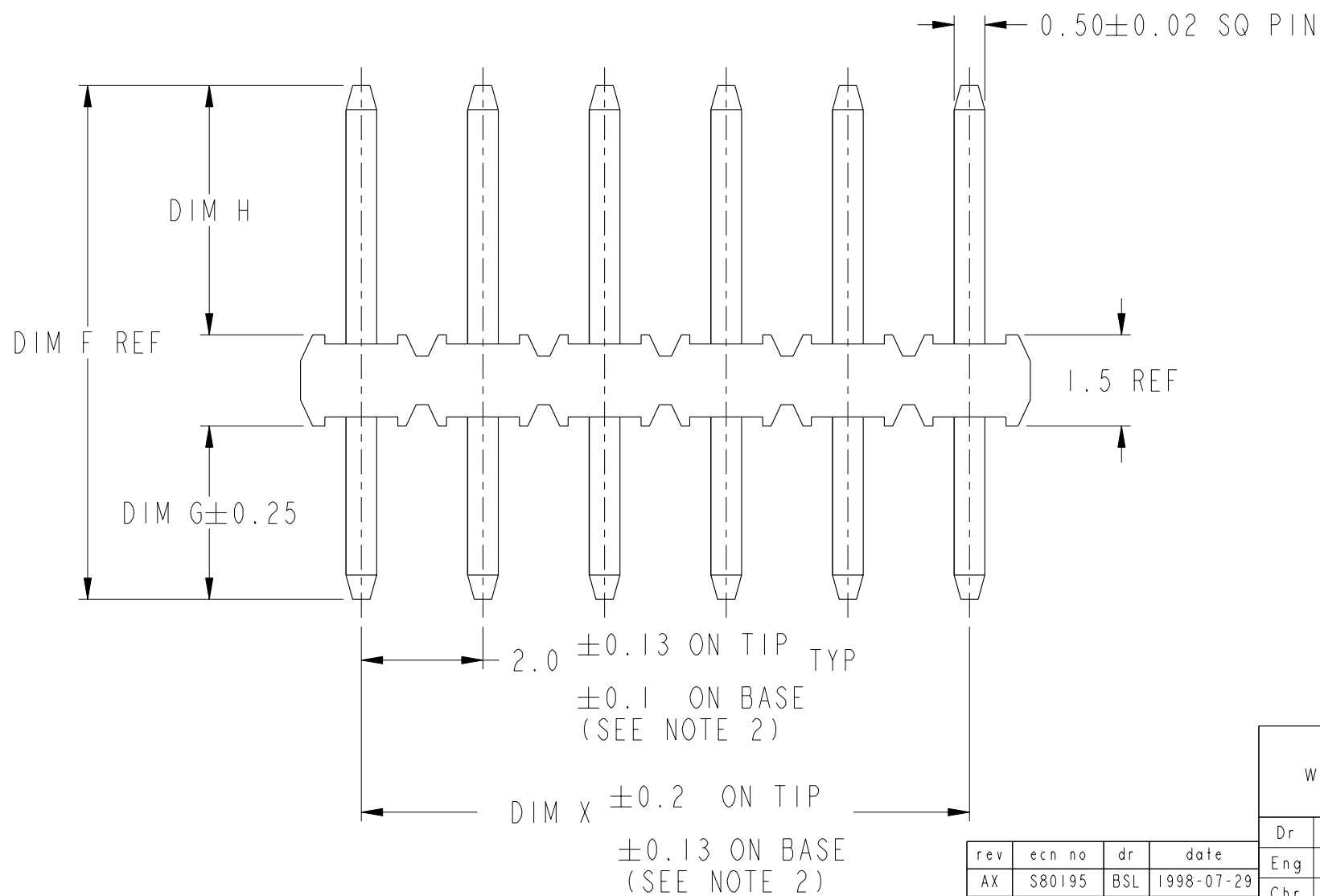
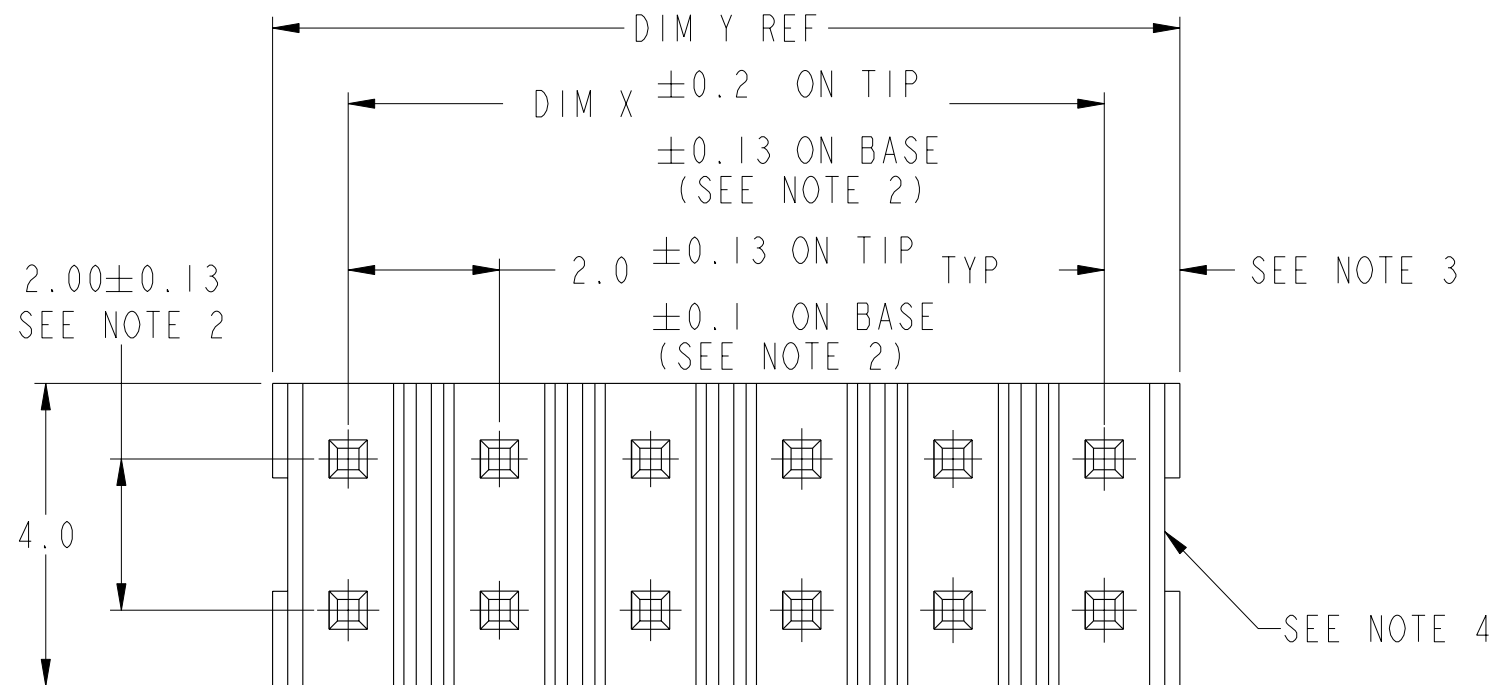
Copyright FCI.

A

B

C

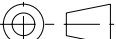
D



RECOMMENDED MOUNTING HOLE LAYOUT

CONFIDENTIAL

rev	ecn no	dr	date
AX	S80195	BSL	1998-07-29
AY	S90046	BSL	1999-03-17
BA	S90159	BSL	1999-09-08
BB	S05-0057	KBM	2005-02-25
BC	S06-0236	KHL	2006-07-17
BD	S10-0205	NBR	2010-01-09
-	-	-	-

www.fciconnect.com			surface -  ISO 1302		tolerance std ISO 406 ISO 1101		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	BS LOW	1999-09-08	ANGULAR	LINEAR	0.X	±	size A3	Scale 10:1			
Eng	BS LOW	1999-09-08			0.XX	±0.25					
Chr	KH LEE	2010-01-09			0° ±3°	0.XXX					±
Appr	JOEY NG	2010-01-09	Product family				MINITEK	Spec ref			
			title MINITEK II HEADER (2 ROWS STR)				dwg no 86964			Rev. BD	
			catalog no				-		CUSTOMER		sheet 1 of 3

A

B

C

D

PRODUCT NO	POS	DIM F	DIM G	DIM H	DIM X	DIM Y
86964-X01	2X8	12.7	4.3	6.9	14	16
X02	2X9	7.5	3.0	3.0	16	18
X03	2X22	11.9	1.5	8.9	42	44
X04	2X25	11.9	1.5	8.9	48	50
X05	2X6	8.9	3.7	3.7	10	12
X06	2X10	10.06	0.76	7.8	18	20
X07	2X25	13.45	3.0	8.9	48	50
X08	2X9	14.1	7.7	4.9	16	18
X09	2X3	8.0	2.5	4.0	4	6
X10	2X4	8.0	2.5	4.0	6	8
X11	2X14	8.0	2.5	4.0	26	28
X12	2X3	7.5	3.0	3.0	4	6
X13	2X9	11.2	3.0	6.7	16	18
X14	2X25	7.0	1.5	4.0	48	50
X15	2X8	14.5	7.1	5.9	14	16
X16	2X11	20.3	10.9	7.9	20	22
X17	2X6	8.2	3.0	3.7	10	12
X18	2X11	17.0	5.1	10.4	20	22
X19	2X20	9.5	4.0	4.0	38	40
X20	2X14	9.5	3.0	5.0	26	28
X21	2X16	10.5	4.5	4.5	30	32
X22	2X8	8.5	1.41	5.59	14	16
X23	2X15	13.5	3.0	9.0	28	30
X24	2X2	6.6	1.1	4.0	2	4
X25	2X10	6.6	1.1	4.0	18	20
X26	2X25	9.5	4.0	4.0	48	50
X27	2X5	7.3	1.8	4.0	8	10
X28	2X8	16.5	2.5	12.5	14	16
X29	2X16	16.5	2.5	12.5	30	32
X30	2X12	9.0	3.0	4.5	22	24

NOTES

1. MATERIAL

BODY : GLASS FILLED NYLON UL 94V-0 BLACK

PIN : PHOSPHOR BRONZE

②. FOR DIM G OR H GREATER THAN 9.0, TOL SHALL BE

2.0^{+0.15}_{-0.1} ON TIP TYP & DIM X^{+0.25}_{-0.13} ON BASE TYP

WHICHEVER APPLICABLE

③. DIM 1.0 ±0.15 FOR MOLDED SIDE(S) ONLY
IF SIDE(S) ARE BROKEN DIM 1.5 MAX APPLIES

④. RECESS APPLIES TO MOLDED SIDE(S) ONLY.

⑤. P/N:86964-XXXLF IS SAME AS P/N:86964-XXX. THE SUFFIX 'LF'
IS ADDED JUST FOR EASY LEAD FREE IDENTIFICATION.

6. 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.

7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

△ BD 8. A △ BD SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE
WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

PRODUCT DESCRIPTION CODE:

XXXXX-XXXLF

LEAD FREE (SEE NOTE 5)

EXTENSION NUMBER

TERMINAL PLATING

BASE NUMBER

PLATING	DESCRIPTION
0	0.2μm Au
1	0.76μm Au
2	UNASSIGNED
3	0.38μm Au
4	UNASSIGNED
5	0.38μm GXT
6	0.76μm GXT

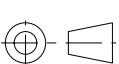
A

B

C

D

CONFIDENTIAL

www.fciconnect.com			surface ISO 1302		- ✓ tolerance std ISO 406 ISO 1101		projection 		MM 		
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	BS LOW	1999-09-08	ANGULAR		LINEAR		0.X	±	size A3	Scale 5:1	
Eng	BS LOW	1999-09-08					0.XX	±0.25			
Chr	KH LEE	2010-01-09					0°	±3°			0.XXX
Appr	JOEY NG	2010-01-09	Product family				MINITEK		Spec ref		
			title MINITEK 11 HEADER (2 ROWS STR)				dwg no 86964				Rev. BD
			catalog no -				CUSTOMER		sheet 2 of 3		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[86964-107LF](#) [86964-120LF](#) [86964-123LF](#) [86964-141LF](#) [86964-345LF](#) [86964-641LF](#)