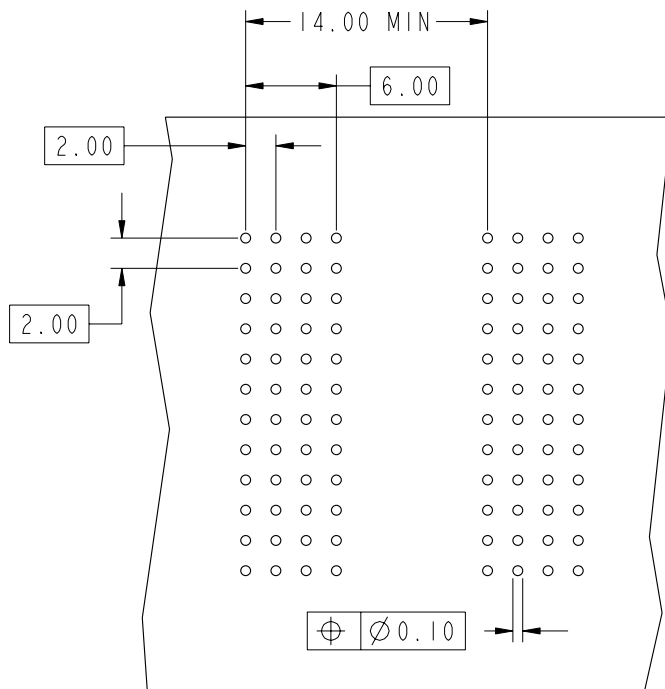
Printed: Nov 13, 2007




REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

NOTES:

1. FOR DIM A, AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL: PHOSPHOR BRONZE.
- ④ PLATING ON PRESS FIT TAIL 85830-XYX IS SnPb 85830-XYXLF IS SN LEADFREE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
5. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
- ⑥ THE PRODUCT WHERE THE PART NUMBERS END IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GSS-22-008. ALL PRODUCT EXCEPT THOSE WITH PART NUMBERS CONTAINING 85830-NI--- OR 85830-N5--- WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION INFRA-RED OR VAPOUR PHASE REFLOW OVEN.
- ⑦ FOR LEAD FREE PART NUMBERS ADD AN "LF" SUFFIX EXAMPLE 85830-XYXLF.

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	6.50	4.30
2	7.25	4.30
3	8.00	4.30
4	6.50	13.60
5	7.25	13.60
6	8.00	13.60
7	6.50	17.00
8	7.25	17.00
9	8.00	17.00

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com												
ltr	ecr no.	dr	date	linear	0. X ±0.3		COPY		projection 	title HEADER NB POWER STR PRESS-FIT HT 12mm										
G					0. XX ±0.13		scale													
					.XXX ±.051		2:1													
				angles	0° ±2°		MM		product family		METRAL						code			
				dr	T.BRUNGARD 03/13/03		MM		size		dwg no		85830						213	
				enrg	M.GRAY 03/13/03		scale		A										sheet	
				chr	M.GRAY 03/13/03														2	
				appd	M.GRAY 03/13/03															
sheet index		revision sheet																		



1   2				3				4			
METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I	
85830-X00 SEE NOTE 7 FOR LEADFREE	D	3	3	85830-X05 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X20 SEE NOTE 7 FOR LEADFREE	D	6	6
	C	2	2		C	1	1		C	5	5
	B	1	1		B	1	1		B	4	4
	A	3	3		A	3	3		A	6	6
85830-X01 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X06 SEE NOTE 7 FOR LEADFREE	D	3	3	85830-X21 SEE NOTE 7 FOR LEADFREE	D	4	4
	C	1	1		C	2	2		C	4	4
	B	1	1		B	2	2		B	4	4
	A	1	1		A	1	1		A	4	4
85830-X02 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X07 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X22 SEE NOTE 7 FOR LEADFREE	D	4	4
	C	2	2		C	1	1		C	5	5
	B	3	3		B	2	2		B	6	6
	A	3	3		A	3	3		A	6	6
85830-X03 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X08 SEE NOTE 7 FOR LEADFREE	D	3	3	85830-X23 SEE NOTE 7 FOR LEADFREE	D	4	4
	C	1	1		C	3	3		C	4	4
	B	3	3		B	3	3		B	6	6
	A	1	1		A	3	3		A	4	4
85830-X04 SEE NOTE 7 FOR LEADFREE	D	2	2	85830-X09 SEE NOTE 7 FOR LEADFREE	D	3	3	85830-X24 SEE NOTE 7 FOR LEADFREE	D	5	5
	C	3	3		C	3	3		C	6	6
	B	3	3		B	2	2		B	6	6
	A	3	3		A	2	2		A	6	6
85830-X25 SEE NOTE 7 FOR LEADFREE	D	4	4	85830-X30 SEE NOTE 7 FOR LEADFREE	D	9	9	85830-X26 SEE NOTE 7 FOR LEADFREE	D	6	6
	C	4	4		C	8	8		C	5	5
	B	4	4		B	7	7		B	5	5
	A	6	6		A	9	9		A	4	4
85830-X27 SEE NOTE 7 FOR LEADFREE	D	4	4	85830-X31 SEE NOTE 7 FOR LEADFREE	D	7	7	85830-X28 SEE NOTE 7 FOR LEADFREE	D	6	6
	C	4	4		C	7	7		C	6	6
	B	5	5		B	7	7		B	6	6
	A	4	4		A	7	7		A	6	6
85830-X29 SEE NOTE 7 FOR LEADFREE	D	6	6	85830-X32 SEE NOTE 7 FOR LEADFREE	D	7	7	85830-X29 SEE NOTE 7 FOR LEADFREE	D	6	6
	C	6	6		C	8	8		C	6	6
	B	5	5		B	9	9		B	5	5
	A	5	5		A	9	9		A	5	5
85830-X33 SEE NOTE 7 FOR LEADFREE	D	8	8	85830-X34 SEE NOTE 7 FOR LEADFREE	D	8	8	85830-X33 SEE NOTE 7 FOR LEADFREE	D	7	7
	C	9	9		C	9	9		C	7	7
	B	9	9		B	9	9		B	9	9
	A	9	9		A	9	9		A	9	9

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	HEADER NB POWER STR PRESS-FIT HT 12mm
G					0.XX ±0.13				
					.XXX ±.051				
					0° ±2°				
				angles	0° ±2°		MM	product family	METRAL
				dr	T.BRUNGARD 03/13/03				
				enrg	M.GRAY 03/13/03				
				chr	M.GRAY 03/13/03				
					appd	M.GRAY 03/13/03	scale	A	size
sheet	revision								
index	sheet								



1   2				3				4			
METRAL P/N	ROW	CONTACT CODE MOD. 1		METRAL P/N	ROW	CONTACT CODE MOD. 1		METRAL P/N	ROW	CONTACT CODE MOD. 1	
85830-X35 SEE NOTE 7 FOR LEADFREE	D	7	7	85830-X40 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X45 SEE NOTE 7 FOR LEADFREE	D	3	3
	C	7	7		C	3	3		C	2	2
	B	7	7		B	2	2		B	2	2
	A	9	9		A	1	1		A	3	3
85830-X36 SEE NOTE 7 FOR LEADFREE	D	9	9	85830-X41 SEE NOTE 7 FOR LEADFREE	D	2	2	85830-X46 SEE NOTE 7 FOR LEADFREE	D	2	2
	C	8	8		C	2	2		C	1	1
	B	8	8		B	2	2		B	1	1
	A	7	7		A	1	1		A	3	3
85830-X37 SEE NOTE 7 FOR LEADFREE	D	7	7	85830-X42 SEE NOTE 7 FOR LEADFREE	D	1	1	85830-X47 SEE NOTE 7 FOR LEADFREE	D	3	3
	C	7	7		C	2	2		C	1	1
	B	8	8		B	3	3		B	1	1
	A	9	9		A	1	1		A	3	3
85830-X38 SEE NOTE 7 FOR LEADFREE	D	9	9	85830-X43 SEE NOTE 7 FOR LEADFREE	D	2	2	85830-X48 SEE NOTE 7 FOR LEADFREE	D	2	2
	C	9	9		C	2	2		C	3	3
	B	9	9		B	3	3		B	1	1
	A	9	9		A	2	2		A	3	3
85830-X39 SEE NOTE 7 FOR LEADFREE	D	9	9	85830-X44 SEE NOTE 7 FOR LEADFREE	D	2	2	85830-X49 SEE NOTE 7 FOR LEADFREE	D	1	1
	C	9	9		C	2	2		C	2	2
	B	8	8		B	3	3		B	3	3
	A	8	8		A	3	3		A	3	3
85830-X50 SEE NOTE 7 FOR LEADFREE	D	4	4	85830-X51 SEE NOTE 7 FOR LEADFREE	D	5	5	85830-X52 SEE NOTE 7 FOR LEADFREE	D	4	4
	C	6	6		C	5	5		C	5	5
	B	5	5		B	5	5		B	6	6
	A	4	4		A	4	4		A	4	4
85830-X55 SEE NOTE 7 FOR LEADFREE	D	6	6	85830-X56 SEE NOTE 7 FOR LEADFREE	D	5	5	85830-X57 SEE NOTE 7 FOR LEADFREE	D	6	6
	C	5	5		C	4	4		C	4	4
	B	5	5		B	4	4		B	4	4
	A	6	6		A	6	6		A	6	6
85830-X58 SEE NOTE 7 FOR LEADFREE	D	5	5	85830-X59 SEE NOTE 7 FOR LEADFREE	D	4	4	85830-X54 SEE NOTE 7 FOR LEADFREE	D	5	5
	C	6	6		C	5	5		C	5	5
	B	4	4		B	6	6		B	6	6
	A	6	6		A	6	6		A	6	6

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title			
G					0.XX ±0.13	projection		HEADER NB POWER STR PRESS-FIT HT 12mm			
					.XXX ±.051	MM		product family			
				angles	0° ±2°	scale		size			
				dr	T.BRUNGARD 03/13/03	A		85830			
				enrg	M.GRAY 03/13/03	sheet		213			
				chr	M.GRAY 03/13/03	4		sheet			
				appd	M.GRAY 03/13/03						
sheet index	revision sheet										



METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X60 SEE NOTE 7 FOR LEADFREE	D	7	7
	C	9	9
	B	8	8
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X61 SEE NOTE 7 FOR LEADFREE	D	8	8
	C	8	8
	B	8	8
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X62 SEE NOTE 7 FOR LEADFREE	D	7	7
	C	8	8
	B	9	9
	A	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X63 SEE NOTE 7 FOR LEADFREE	D	8	8
	C	8	8
	B	9	9
	A	8	8

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X64 SEE NOTE 7 FOR LEADFREE	D	8	8
	C	8	8
	B	9	9
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X65 SEE NOTE 7 FOR LEADFREE	D	9	9
	C	8	8
	B	8	8
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X66 SEE NOTE 7 FOR LEADFREE	D	8	8
	C	7	7
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X67 SEE NOTE 7 FOR LEADFREE	D	9	9
	C	7	7
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X68 SEE NOTE 7 FOR LEADFREE	D	8	8
	C	9	9
	B	7	7
	A	9	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
85830-X69 SEE NOTE 7 FOR LEADFREE	D	7	7
	C	8	8
	B	9	9
	A	9	9

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	HEADER NB POWER STR PRESS-FIT HT 12mm
G					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°		product family	METRAL	code
				dr	T.BRUNGARD 03/13/03				
				enrg	M.GRAY 03/13/03				
				chr	M.GRAY 03/13/03	scale	A	size	dwg no
				appd	M.GRAY 03/13/03				
sheet	revision								
index	sheet								

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