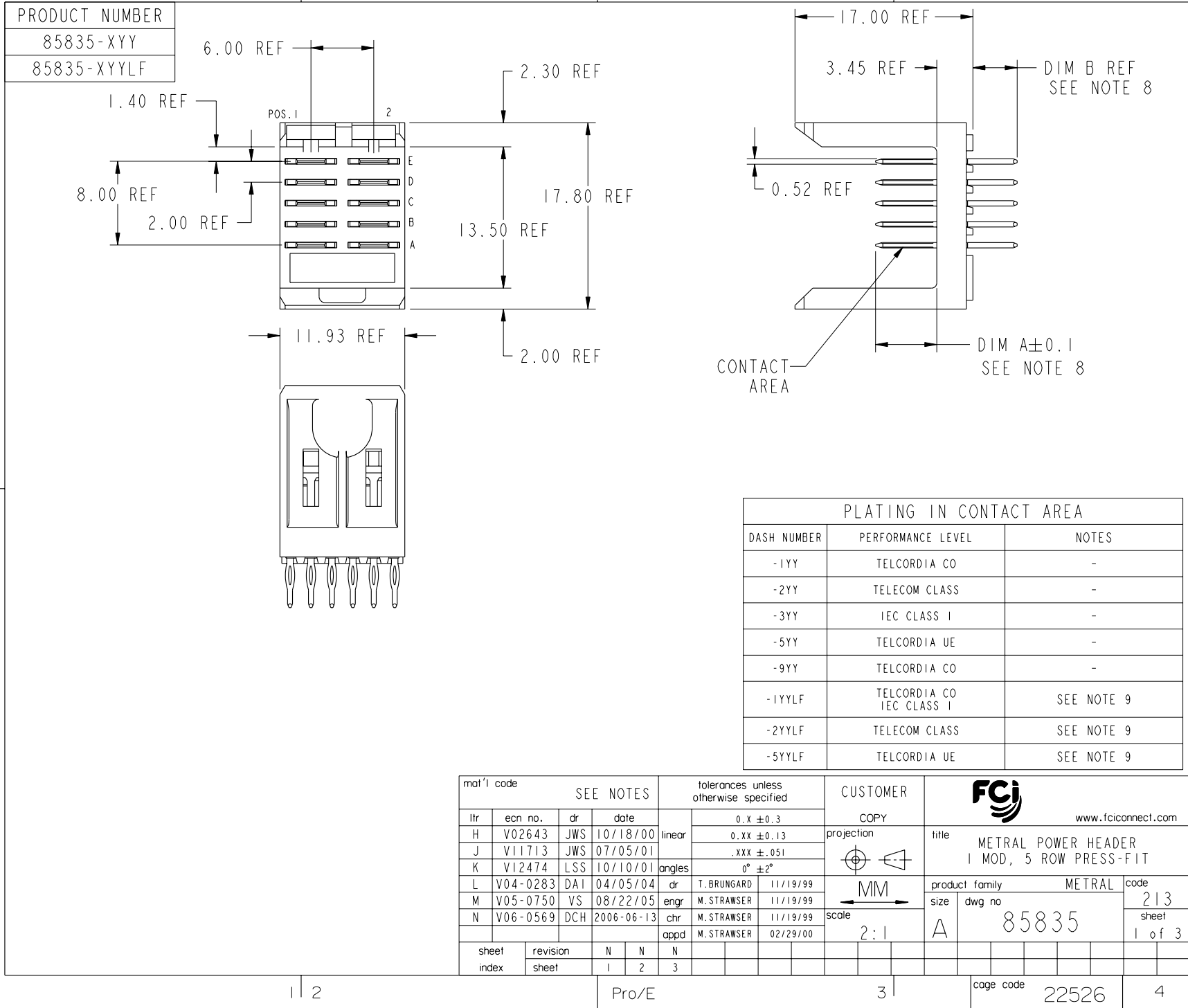
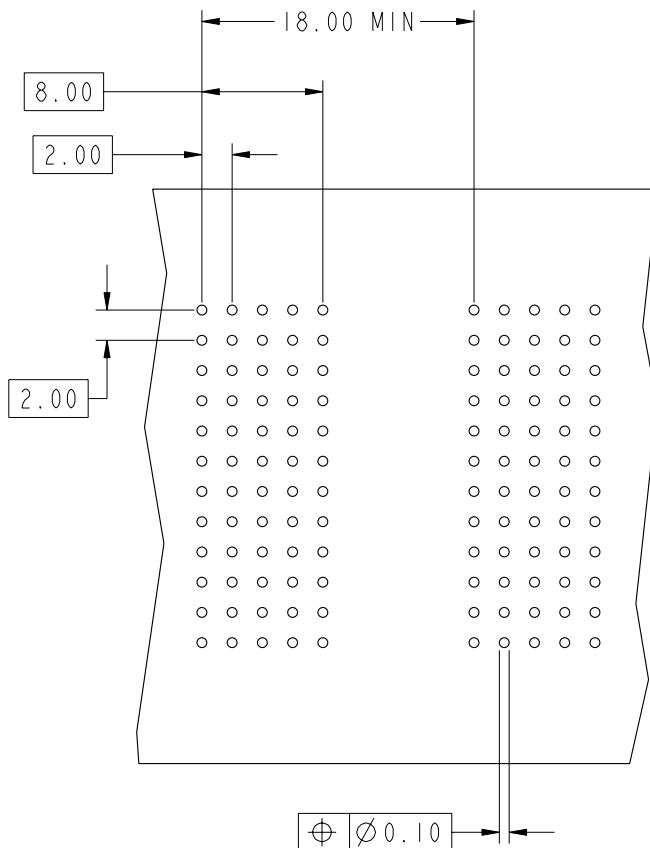






REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
P01	6.50	4.30
P02	7.25	4.30
P03	8.00	4.30
P04	6.50	13.60
P05	7.25	13.60
P06	8.00	13.60
P13	6.50	12.95
P16	5.00	4.30
P37	8.00	15.60

NOTES:

- FOR DIM A, AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE
- PLATING ON PRESS-FIT TAIL:
85835-XYX IS SnPb.
85835-XYLF IS Sn (LEAD FREE) PLATING ON CONTACT AREA
CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT
TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING
IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF
THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180.
APPLICATION SPECIFICATION BUS-20-075.
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS ON LF MEET
THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN 'LF' SUFFIX
EXAMPLE: 85835-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60
SECONDS IN CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW
OVEN.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com			
N					0.XX ±0.13	projection		title			
					.XXX ±.051			METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT			
				angles	0° ±2°						
				dr	T.BRUNGARD 11/19/99	MM		product family METRAL			
				enrg	M.STRAWSE 11/19/99	scale		size			
				chr	M.STRAWSE 11/19/99	2:1		A			
				appd	M.STRAWSE 02/29/00			85835			
sheet	revision							code			
index	sheet							213			
								sheet			
								2			

cage code 22526

Pro/E

3

4

PDM: Rev:N

STATUS: Released

Printed: Nov 27, 2007



A

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X04 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P02	P02
	C	P01	P01
	B	P01	P01
	A	P01	P01

1 | 2

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X05 SEE NOTE 10 LEAD FREE OPTION	E	P06	P06
	D	P05	P05
	C	P04	P04
	B	P04	P04
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X06 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	P04	P04
	B	P04	P04
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X07 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X08 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P01	P01

3 |

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X09 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P02	P02
	C	P03	P03
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X10 SEE NOTE 10 LEAD FREE OPTION	E	P02	P02
	D	-	-
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X11 SEE NOTE 10 LEAD FREE OPTION	E	-	-
	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X12 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	-	-
	B	P03	P03
	A	P03	P03

4

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X13 SEE NOTE 10 LEAD FREE OPTION	E	P16	P16
	D	-	-
	C	P01	P01
	B	-	-
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
85835-X14 SEE NOTE 10 LEAD FREE OPTION	E	P13	P13
	D	P13	P13
	C	P05	P05
	B	P37	P37
	A	P37	P37

A

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fciconnect.com			
N					0.XX ±0.13			title			
					.XXX ±.051			METRAL POWER HEADER			
				angles	0° ±2°	MM	scale	1 MOD, 5 ROW PRESS-FIT			
				dr	T.BRUNGARD 11/19/99			product family			
				engr	M.STRAWSE 11/19/99			METRAL			
				chr	M.STRAWSE 11/19/99	2:1	A	size			
				appd	M.STRAWSE 02/29/00			dwg no			
								85835			
sheet	revision							code			
index	sheet							213			
								sheet			
								3			

B

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Pro/E

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cage code 22526

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