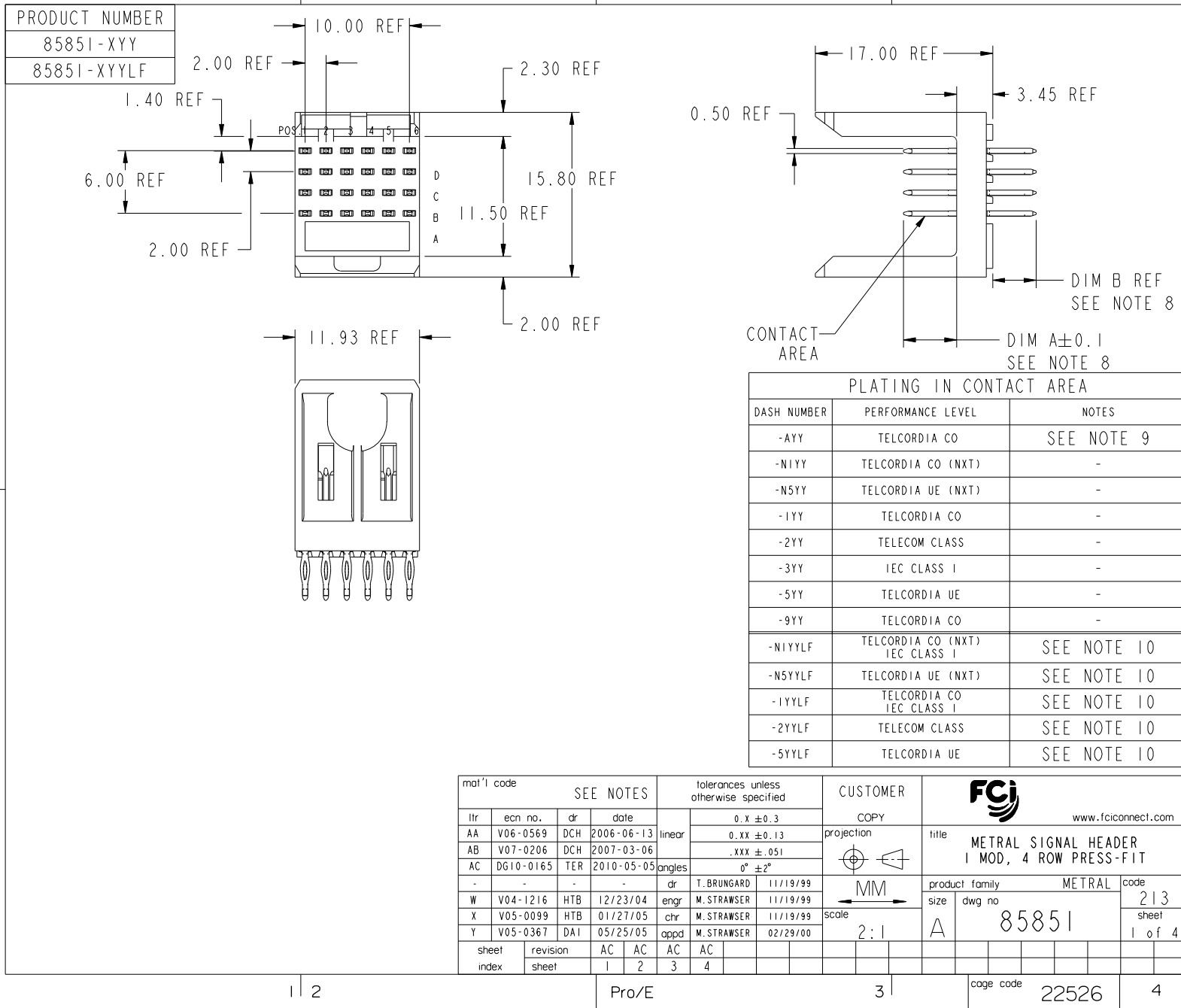




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REV E - 2006-04-18



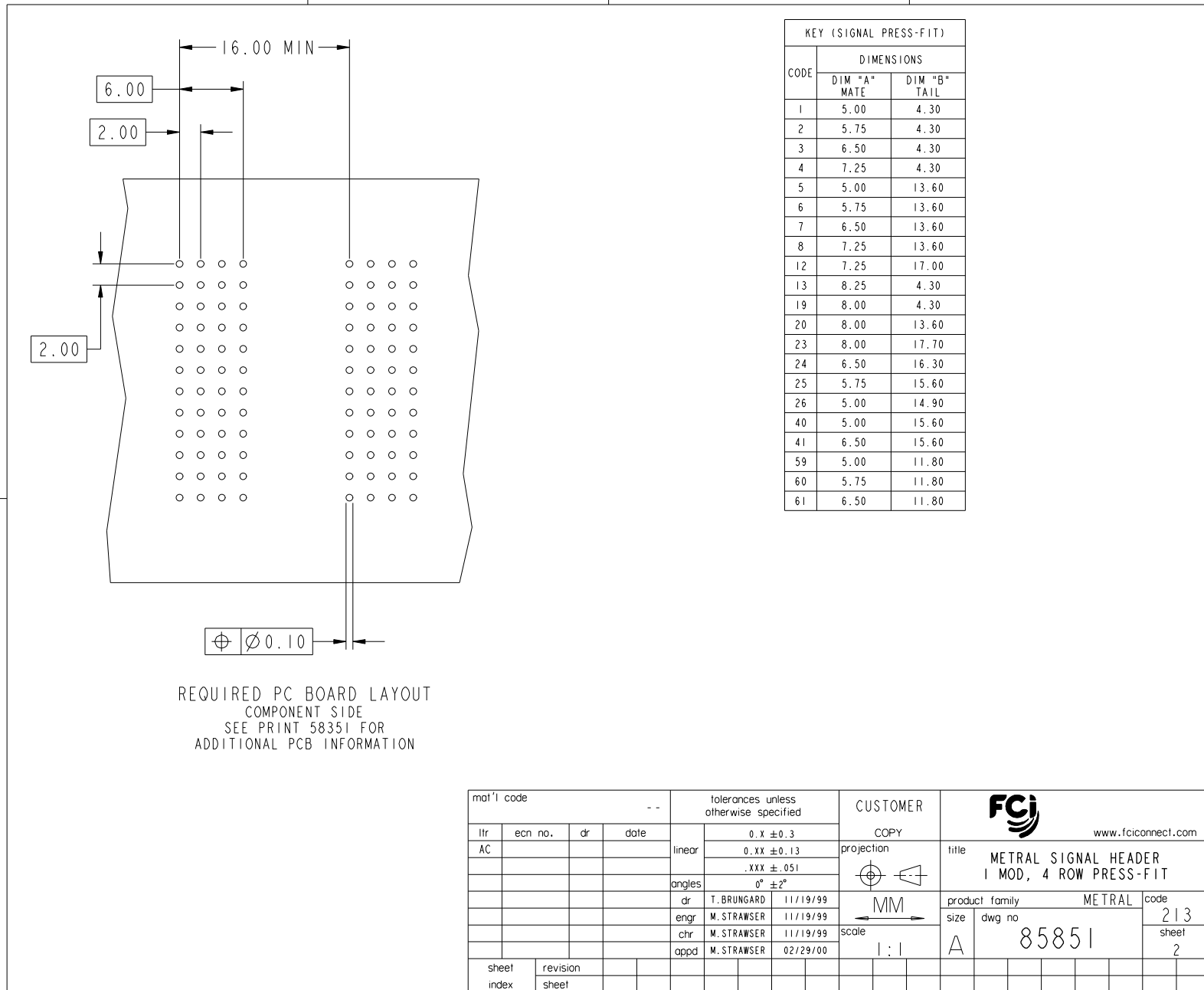


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REV E - 2006-04-18

A

B



A

B

Pro/E

PDM: Rev:AC

STATUS: Released

Printed: May 11, 2010



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X28 SEE NOTE 11 LEAD FREE OPTION	D	1	1	20	5	5	5
	C	1	1	20	5	5	5
	B	1	1	20	5	5	5
	A	1	1	20	5	5	5
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X29 SEE NOTE 11 LEAD FREE OPTION	D	3	3	4	4	3	3
	C	3	3	3	3	1	3
	B	3	3	3	3	3	3
	A	13	13	13	13	13	13
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X30 SEE NOTE 11 LEAD FREE OPTION	D	1	1	3	1	1	1
	C	1	1	3	1	1	1
	B	1	1	1	1	1	3
	A	1	1	1	1	1	3
METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85851-X31 SEE NOTE 11 LEAD FREE OPTION	D	2	2	19	2	19	2
	C	2	2	19	2	19	2
	B	2	1	19	2	19	2
	A	2	2	19	2	19	2



1 | 2

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:
85851-XXX IS SnPb
85851-XXYLF 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-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT
AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN 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: 85851-X01LF
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code				- -		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT			
AC					0.XX ±0.13		projection						
					.XXX ±.051								
				angles	0° ±2°								
				dr	T.BRUNGARD	11/19/99			product family		METRAL	code	
				engr	M.STRAWSER	11/19/99			size	dwg no	213		
				chr	M.STRAWSER	11/19/99					sheet		
				appd	M.STRAWSER	02/29/00	scale		A	85851		4	
							1:1						
sheet	revision												
index	sheet												

1 | 2

Pro/E

3 |

3 |

cage code 22526

4

4