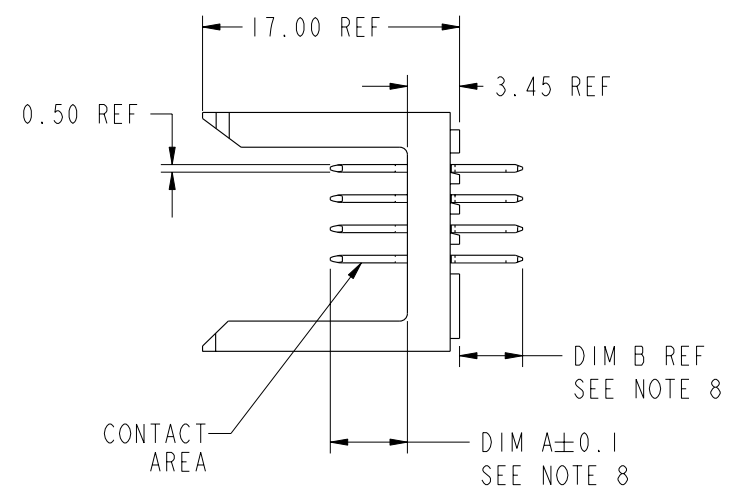
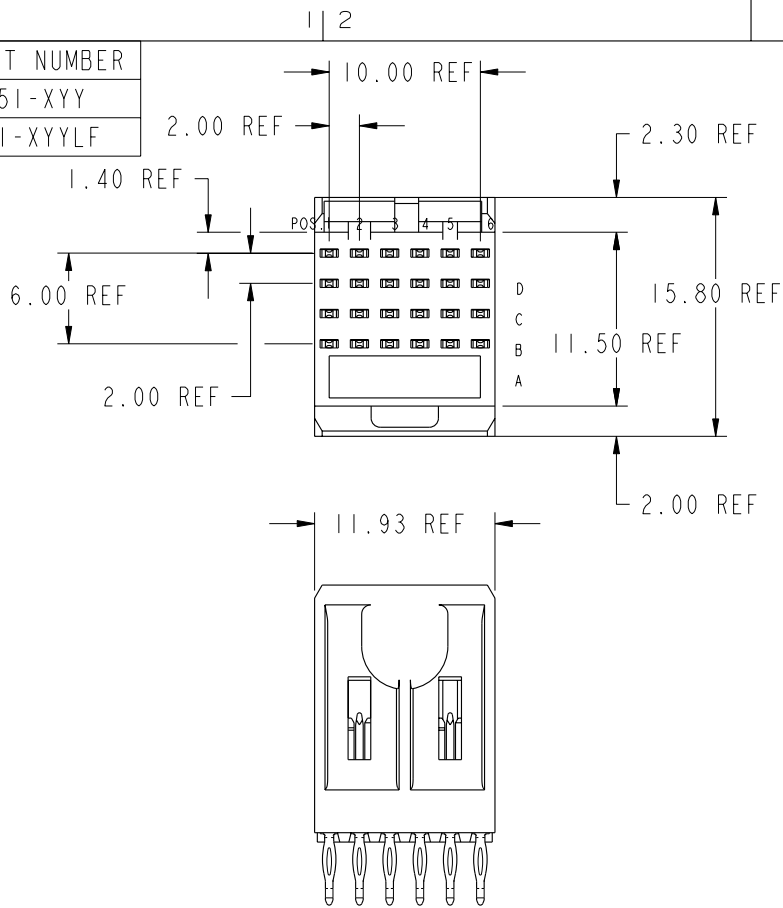


PRODUCT NUMBER
85851-XYX
85851-XYXLF



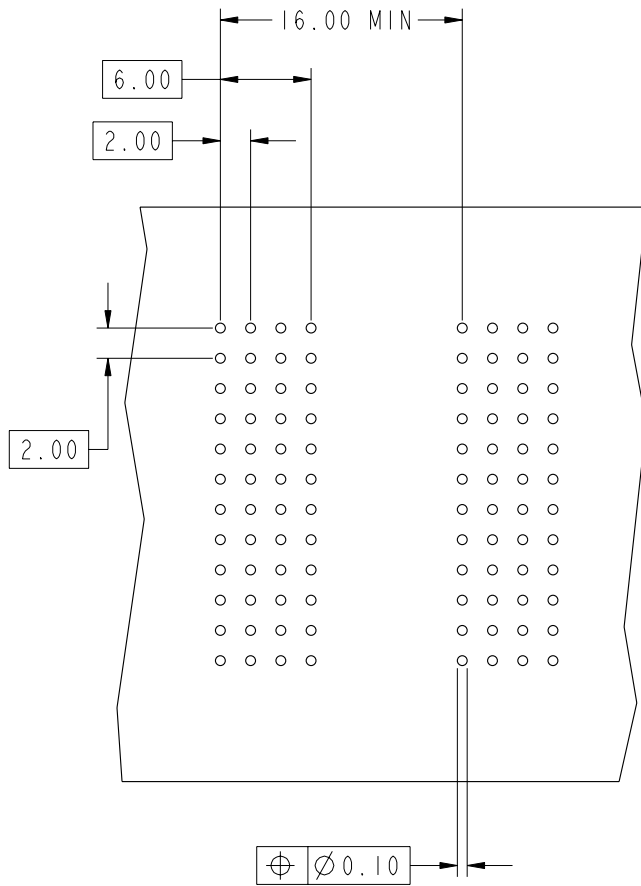
PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 9
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 10
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCJ www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3		COPY		projection	title	
AA	V06-0569	DCH	2006-06-13		0.XX ± 0.13		MM			METRAL SIGNAL HEADER	
AB	V07-0206	DCH	2007-03-06		.XXX ± .051		2:1			1 MOD, 4 ROW PRESS-FIT	
-	-	-	-	angles	0° ± 2°		scale		product family METRAL code		
V	V04-0911	HTB	09/10/04	dr	T.BRUNGARD	11/19/99	A		size		
W	V04-1216	HTB	12/23/04	engr	M.STRAWSER	11/19/99	A		size		
X	V05-0099	HTB	01/27/05	chr	M.STRAWSER	11/19/99	A		size		
Y	V05-0367	DAI	05/25/05	appd	M.STRAWSER	02/29/00	A		size		
sheet index		revision sheet	AB 1	AB 2	AB 3	AB 4	A		sheet 213 of 4		

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

KEY (SIGNAL PRESS-FIT)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
12	7.25	17.00
13	8.25	4.30
19	8.00	4.30
20	8.00	13.60
23	8.00	17.70
24	6.50	16.30
25	5.75	15.60
26	5.00	14.90
40	5.00	15.60
41	6.50	15.60
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80

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



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METRAL P/N	ROW	CONTACT CODE MOD. I					METRAL P/N	ROW	CONTACT CODE MOD. I					METRAL P/N	ROW	CONTACT CODE MOD. I					METRAL P/N	ROW	CONTACT CODE MOD. I																
85851-X01 SEE NOTE 11 LEAD FREE OPTION	D	12	25	23	23	23	25	85851-X07 SEE NOTE 11 LEAD FREE OPTION	D	59	59	59	59	59	59	85851-X13 SEE NOTE 11 LEAD FREE OPTION	D	26	23	25	23	12	12	85851-X18 SEE NOTE 11 LEAD FREE OPTION	D	19	2	2	2	2	2	85851-X23 SEE NOTE 11 LEAD FREE OPTION	D	8	8	6	7	7	6
	C	12	25	23	23	23	25		C	60	60	60	60	60	60		C	23	23	25	23	12	12		C	19	2	2	2	2	2		C	8	8	6	7	7	6
	B	12	25	23	23	23	25		B	60	60	60	60	60	60		B	24	23	25	23	12	12		B	19	2	2	2	2	2		B	8	8	6	7	7	6
	A	12	25	23	23	23	25		A	61	61	61	61	61	61		A	23	23	25	23	12	12		A	19	2	2	2	2	2		A	8	8	6	7	7	6

mat'l code		--	tolerances unless otherwise specified		CUSTOMER	 www.fciconnect.com				
ltr	ecn no.	dr	date	linear	COPY					
AB	-	-	-	linear	projection	 title <b>METRAL SIGNAL HEADER          1 MOD, 4 ROW PRESS-FIT</b>				
				angles	$0.X \pm 0.3$ $0.XX \pm 0.13$ $.XXX \pm 0.051$ $0^\circ \pm 2^\circ$					
		dr	T.BRUNGARD	11/19/99	 scale <b>1:1</b>	product family	METRAL	code	213	
		engr	M.STRAWSER	11/19/99		size	dwg no	85851	sheet	3
		chr	M.STRAWSER	11/19/99		A				
		appd	M.STRAWSER	02/29/00						
sheet index	revision sheet									

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

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 -YYY IS SnPb  
85851-XYLFF 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.

A




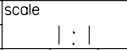
A



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B

B

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