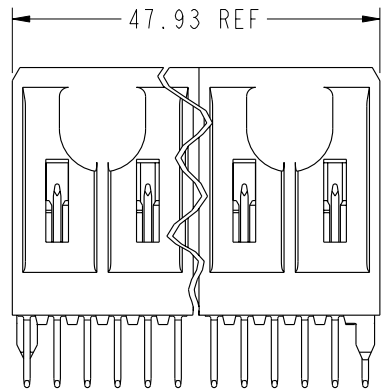
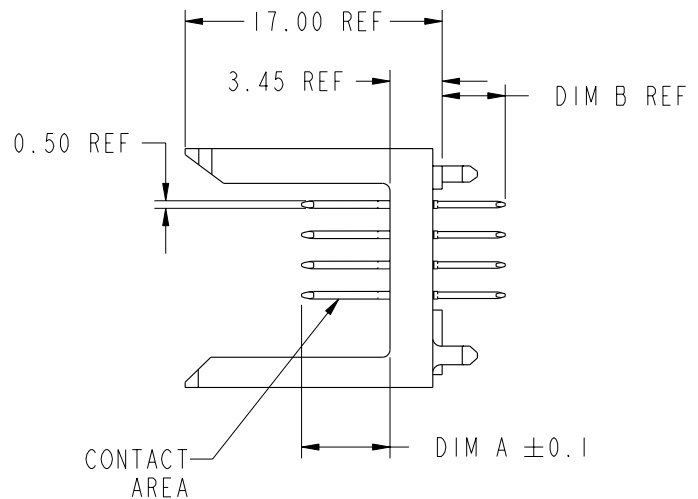
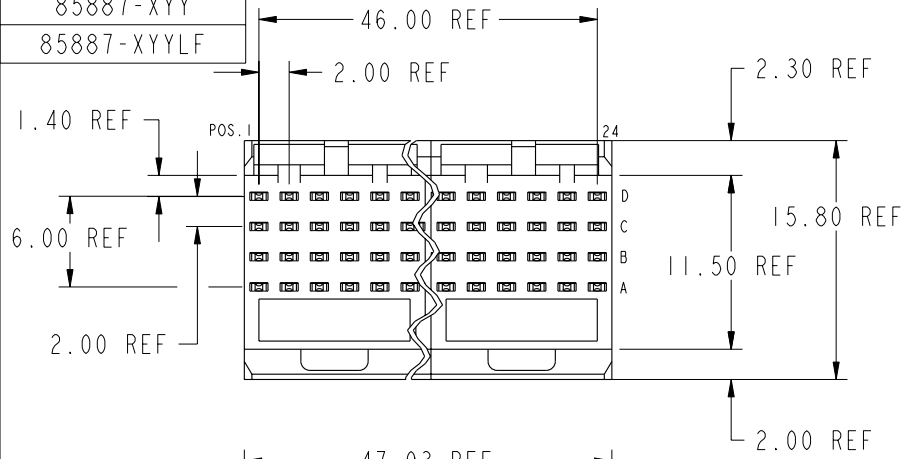


PRODUCT NUMBER
85887-XXX
85887-XXYLF



- 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
85887-XXX IS SnPb
85887-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: XXXX-XXXP OR XXXX-XXXP.LF.
 - PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION: BUS-20-073.
 - THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-009.

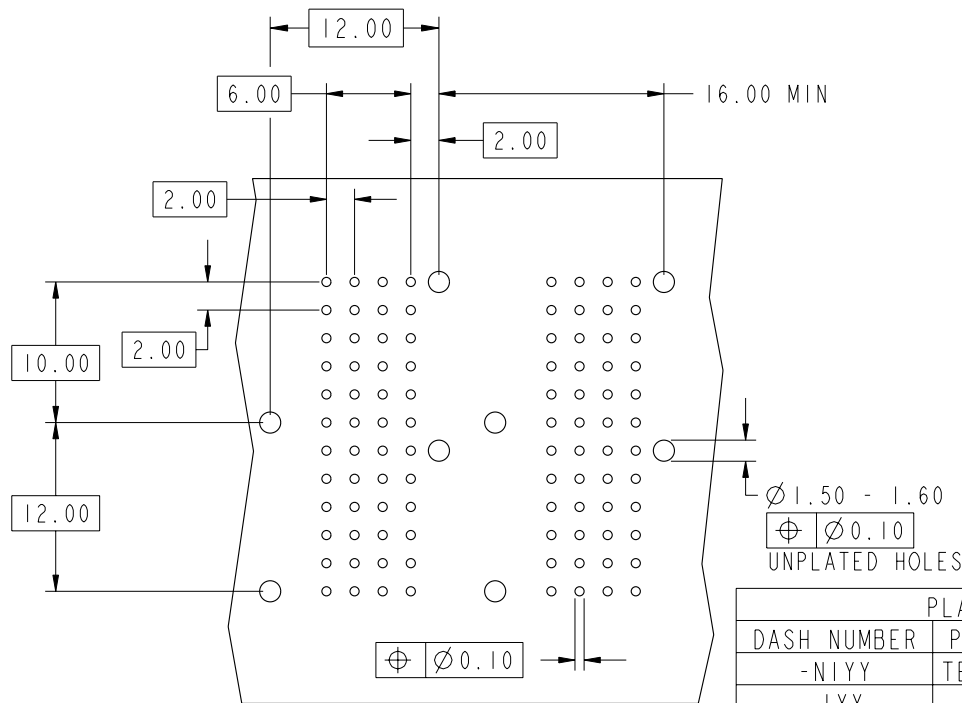
- FOR LEAD FREE PART NUMBERS ADD AN "LF" SUFFIX
EXAMPLE: 85887-XXYLF.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO)-N1--- OR (DRAWING NO)-N5--- WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION INFRA-RED OR VAPOUR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1--- & (DRAWING NO.)-N5--- WILL NOT WITHSTAND REFLOW AND AU CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MINIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL SIGNAL HEADER 4 MOD, 4 ROW STB		
P	V06-0569	DCH	2006-06-13		0.XX ±0.13		projection				
-	-	-	-	angles	.XXX ±0.051				product family METRAL code 213		
J	V12018	CGD	08/30/01		0° ±2°						
K	V21670	TAB	10/18/02	dr	T.BRUNGARD	11/19/99	MM ←→		size 85887 sheet 1 of 3		
L	V03-1059	DAI	09/24/03	engr	M.STRAWSER	11/19/99					
M	V04-0978	DAI	09/27/04	chr	M.STRAWSER	11/19/99	scale 2:1		A		
N	V05-0655	VS	08/08/05	appd	M.STRAWSER	02/29/00					
sheet index	revision sheet	P	P	P							
		1	2	3							

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

KEY (SIGNAL STB)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.25
2	5.75	4.25
3	6.50	4.25
4	7.25	4.25
13	8.00	4.25

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-NIYY	TELCORDIA CO (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCOEDIA CO	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

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			
N					0.XX ±0.13	MM			METRAL SIGNAL HEADER 4 MOD, 4 ROW STB			
					.XXX ±.051	1:1			product family		code	
				angles	0° ±2°	scale		METRAL		213		
				dr	T.BRUNGARD	11/19/99	A		size		sheet	
				enrg	M.STRAWSER	11/19/99	85887		dwg no		2	
				chr	M.STRAWSER	11/19/99						
				appd	M.STRAWSER	02/29/00						
sheet index		revision sheet										

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X01 SEE NOTE 9 FOR LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X05 SEE NOTE 9 FOR LEAD FREE OPTION	D	3	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3
	B	3	3	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3
	A	3	3	3	3	3	-	3	4	4	4	4	4	3	4	3	3	3	3	3	3	-	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X02 SEE NOTE 9 FOR LEAD FREE OPTION	D	3	3	-	3	3	-	3	3	-	3	3	-	3	3	-	3	3	3	3	3	3	3	3	3
	C	3	3	-	3	3	-	3	3	-	3	3	-	3	3	-	3	3	3	3	3	3	3	3	3
	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X06 SEE NOTE 9 FOR LEAD FREE OPTION	D	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X03 SEE NOTE 9 FOR LEAD FREE OPTION	D	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	C	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	B	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
	A	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X07 SEE NOTE 9 FOR LEAD FREE OPTION	D	13	13	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
	C	13	13	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
	B	13	13	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13
	A	13	13	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13

METRAL P/N	ROW	CONTACT CODE MOD. 1				MOD. 2				MOD. 3				MOD. 4											
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
85887-X04 SEE NOTE 9 FOR LEAD FREE OPTION	D	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	C	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	B	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
	A	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3



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mat'l code				tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com					
ltr	ecn no.	dr	date	0.X ±0.3				COPY				title					
N				0.XX ±0.13				projection				METRAL SIGNAL HEADER 4 MOD, 4 ROW STB					
				.XXX ±.051								product family					
				0° ±2°								METRAL					
				dr	T.BRUNGARD	11/19/99	scale				code						
				enrg	M.STRAWSER	11/19/99	1:1				213						
				chr	M.STRAWSER	11/19/99	A				sheet						
				appd	M.STRAWSER	02/29/00					3						
sheet index	revision sheet																