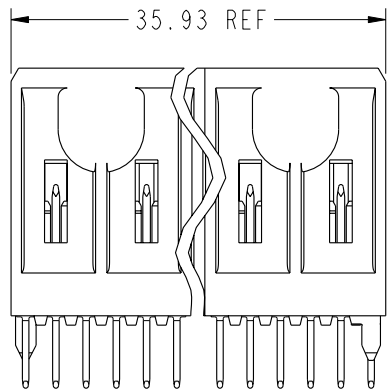
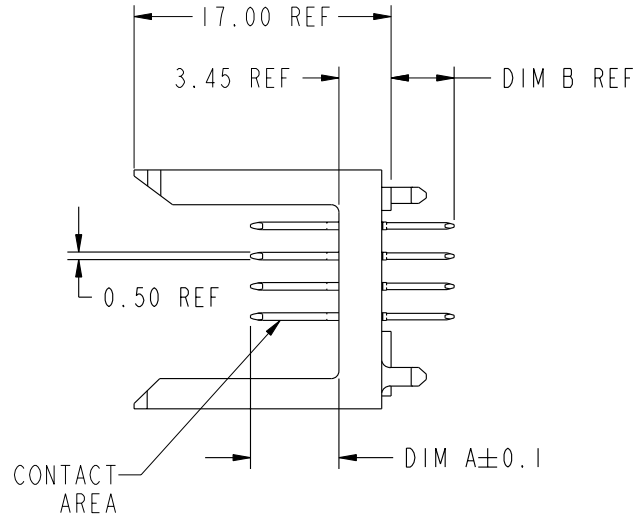
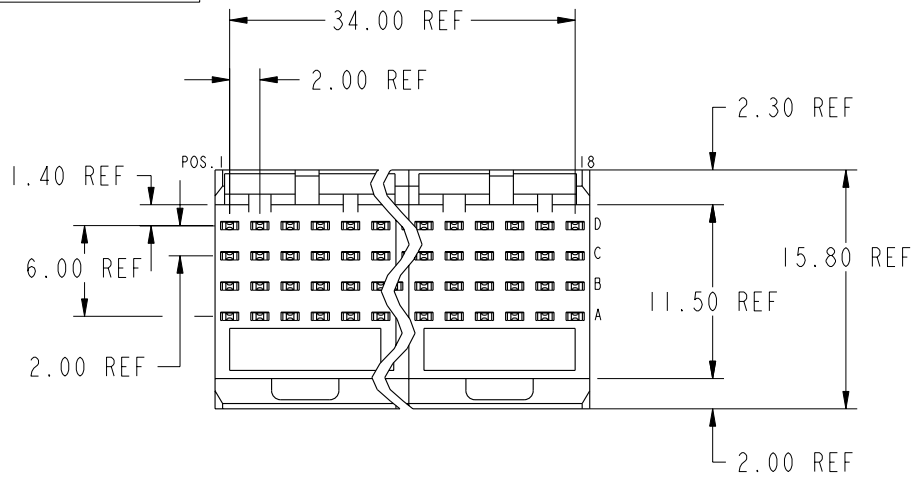


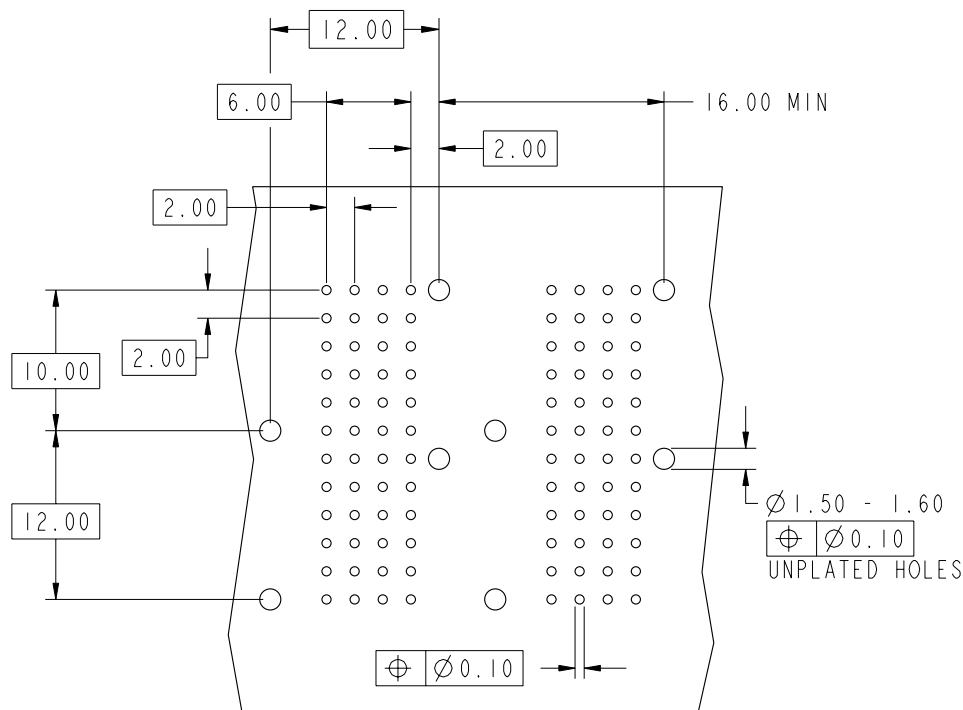
PRODUCT NUMBER  
74789-XYX  
74789-XYLF



mat'l code				SEE NOTES			tolerances unless otherwise specified			CUSTOMER		FCI	
ltr	ecn no.	dr	date			0.X ±0.3	COPY		www.fciconnect.com				
B	V02641	JWS	10/16/00	linear		0.XX ±0.13	projection	title METRAL SIGNAL HEADER 3 MOD, 4 ROW STB					
C	V10911	CGD	02/22/01			.XXX ±.051		product family METRAL code					
D	V12017	CGD	08/30/01	angles		0° ±2°		size	dwg no		213		
E	V21670	TAB	10/18/02	dr	T.BRUNGARD	11/19/99	MM	size		74789			
F	V03-1059	DAI	09/24/03	engr	M.STRAWSER	11/19/99	scale	A		sheet			
G	V05-1126	DAI	01/09/06	chr	M.STRAWSER	11/19/99		2:1		1 of 5			
H	V06-0544	DCH	2006-06-09	appd	M.STRAWSER	02/29/00							
sheet index	revision sheet	H	H	H	H	H							
		1	2	3	4	5							



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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
5	5.00	3.45
6	5.75	3.45
7	6.50	3.45
8	7.25	3.45
9	5.00	2.65
10	5.75	2.65
11	6.50	2.65
12	7.25	2.65

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCj www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 3 MOD, 4 ROW STB
H					0.XX ±0.13	MM			
					.XXX ±.051	1:1			
				angles	0° ±2°	scale		product family METRAL	code 213
				dr	T.BRUNGARD	11/19/99	A		
				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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2						3						4																													
METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3				
74789-X01	D	1	1	1	1	1	74789-X05	D	3	3	3	3	3	74789-X09	D	4	4	4	4	4	74789-X13	D	1	1	1	1	1	74789-X31	D	5	5	5	5	5	74789-X35	D	7	7	7	7	7
SEE NOTE 9 LEAD FREE OPTION	C	1	1	1	1	1	SEE NOTE 9 LEAD FREE OPTION	C	3	3	3	3	3	SEE NOTE 9 LEAD FREE OPTION	C	4	4	4	4	4	SEE NOTE 9 LEAD FREE OPTION	C	1	1	1	1	1	SEE NOTE 9 LEAD FREE OPTION	C	5	5	5	5	5	SEE NOTE 9 LEAD FREE OPTION	C	7	7	7	7	7
	B	1	1	1	1	1		B	3	3	3	3	3		B	4	4	4	4	4		B	3	3	3	3	3		B	5	5	5	5	5		B	7	7	7	7	7
	A	1	1	1	1	1		A	3	3	3	3	3		A	4	4	4	4	4		A	1	1	1	1	1		A	5	5	5	5	5		A	7	7	7	7	7

A

A

2						3						4																													
METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3											
74789-X02	D	1	1	1	1	1	74789-X06	D	2	2	2	2	2	74789-X10	D	1	1	1	1	1	74789-X15	D	2	2	2	2	2	74789-X32	D	5	5	5	5	5	74789-X36	D	6	6	6	6	6
SEE NOTE 9 LEAD FREE OPTION	C	1	1	1	1	1	SEE NOTE 9 LEAD FREE OPTION	C	2	2	2	2	2	SEE NOTE 9 LEAD FREE OPTION	C	2	2	2	2	2	SEE NOTE 9 LEAD FREE OPTION	C	1	1	1	1	1	SEE NOTE 9 LEAD FREE OPTION	C	5	5	5	5	5	SEE NOTE 9 LEAD FREE OPTION	C	6	6	6	6	6
	B	1	1	1	1	1		B	2	2	2	2	2		B	3	3	3	3	3		B	2	2	2	2	2		B	5	5	5	5	5		B	6	6	6	6	6
	A	3	3	3	3	3		A	2	2	2	2	2		A	4	4	4	4	4		A	1	1	1	1	1		A	7	7	7	7	7		A	6	6	6	6	6

B

B

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		projection		title		
H				angles	0.XX ±0.13		MM				METRAL SIGNAL HEADER 3 MOD, 4 ROW STB		
				dr	.XXX ±.051		scale				product family		
				engr	0° ±2°		1:1		A		METRAL		
				chr	T.BRUNGARD 11/19/99		size		74789		code		
				appd	M.STRAWSER 11/19/99		sheet		3		sheet		
					M.STRAWSER 11/19/99		index		3		sheet		
					M.STRAWSER 02/29/00		revision				sheet		
							sheet				sheet		

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1   2						3						4																																																	
METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3					METRAL P/N	ROW	CONTACT CODE MOD. 1 THRU 3																																						
		1	2	3	4	5			6	1	2	3	4			5	6	1	2	3			4	5	6	1	2	3	4	5	6																														
74789-X39 SEE NOTE 9 LEAD FREE OPTION	D	8	8	8	8	8	8	74789-X43 SEE NOTE 9 LEAD FREE OPTION	D	5	5	5	5	5	5	74789-X61 SEE NOTE 9 LEAD FREE OPTION	D	9	9	9	9	9	9	74789-X65 SEE NOTE 9 LEAD FREE OPTION	D	11	11	11	11	11	11	74789-X69 SEE NOTE 9 LEAD FREE OPTION	D	12	12	12	12	12	12	74789-X73 SEE NOTE 9 LEAD FREE OPTION	D	9	9	9	9	9	9														
	C	8	8	8	8	8	8		C	5	5	5	5	5	5		C	9	9	9	9	9	9		C	11	11	11	11	11	11		C	12	12	12	12	12	12		C	9	9	9	9	9	9														
	B	8	8	8	8	8	8		B	7	7	7	7	7	7		B	9	9	9	9	9	9		B	11	11	11	11	11	11		B	12	12	12	12	12	12		B	11	11	11	11	11	11	B	12	12	12	12	12	12	B	11	11	11	11	11	11
	A	8	8	8	8	8	8		A	5	5	5	5	5	5		A	9	9	9	9	9	9		A	11	11	11	11	11	11		A	12	12	12	12	12	12		A	9	9	9	9	9	9														
74789-X40 SEE NOTE 9 LEAD FREE OPTION	D	5	5	5	5	5	5	74789-X45 SEE NOTE 9 LEAD FREE OPTION	D	6	6	6	6	6	6	74789-X62 SEE NOTE 9 LEAD FREE OPTION	D	9	9	9	9	9	9	74789-X66 SEE NOTE 9 LEAD FREE OPTION	D	10	10	10	10	10	10	74789-X70 SEE NOTE 9 LEAD FREE OPTION	D	9	9	9	9	9	9	74789-X75 SEE NOTE 9 LEAD FREE OPTION	D	10	10	10	10	10	10														
	C	6	6	6	6	6	6		C	5	5	5	5	5	5		C	9	9	9	9	9	9		C	10	10	10	10	10	10		C	10	10	10	10	10	10		C	9	9	9	9	9	9														
	B	7	7	7	7	7	7		B	6	6	6	6	6	6		B	9	9	9	9	9	9		B	10	10	10	10	10	10		B	11	11	11	11	11	11		B	10	10	10	10	10	10	B	10	10	10	10	10	10							
	A	8	8	8	8	8	8		A	5	5	5	5	5	5		A	11	11	11	11	11	11		A	10	10	10	10	10	10		A	12	12	12	12	12	12		A	9	9	9	9	9	9														
74789-X41 SEE NOTE 9 LEAD FREE OPTION	D	7	7	7	7	7	7	74789-X46 SEE NOTE 9 LEAD FREE OPTION	D	6	6	6	6	6	6	74789-X63 SEE NOTE 9 LEAD FREE OPTION	D	11	11	11	11	11	11	74789-X67 SEE NOTE 9 LEAD FREE OPTION	D	11	11	11	11	11	11	74789-X71 SEE NOTE 9 LEAD FREE OPTION	D	11	11	11	11	11	11	74789-X76 SEE NOTE 9 LEAD FREE OPTION	D	10	10	10	10	10	10														
	C	5	5	5	5	5	5		C	7	7	7	7	7	7		C	10	10	10	10	10	10		C	10	10	10	10	10	10		C	9	9	9	9	9	9		C	11	11	11	11	11	11														
	B	7	7	7	7	7	7		B	8	8	8	8	8	8		B	10	10	10	10	10	10		B	10	10	10	10	10	10		B	11	11	11	11	11	11		B	12	12	12	12	12	12	B	11	11	11	11	11	11							
	A	7	7	7	7	7	7		A	7	7	7	7	7	7		A	11	11	11	11	11	11		A	9	9	9	9	9	9		A	11	11	11	11	11	11		A	11	11	11	11	11	11														
74789-X42 SEE NOTE 9 LEAD FREE OPTION	D	8	8	8	8	8	8	74789-X47 SEE NOTE 9 LEAD FREE OPTION	D	6	6	6	6	6	6	74789-X64 SEE NOTE 9 LEAD FREE OPTION	D	12	12	12	12	12	12	74789-X68 SEE NOTE 9 LEAD FREE OPTION	D	11	11	11	11	11	11	74789-X72 SEE NOTE 9 LEAD FREE OPTION	D	12	12	12	12	12	12	74789-X77 SEE NOTE 9 LEAD FREE OPTION	D	10	10	10	10	10	10														
	C	7	7	7	7	7	7		C	6	6	6	6	6	6		C	11	11	11	11	11	11		C	9	9	9	9	9	9		C	11	11	11	11	11	11		C	10	10	10	10	10	10														
	B	6	6	6	6	6	6		B	6	6	6	6	6	6		B	11	11	11	11	11	11		B	9	9	9	9	9	9		B	10	10	10	10	10	10		B	10	10	10	10	10	10														
	A	5	5	5	5	5	5		A	7	7	7	7	7	7		A	12	12	12	12	12	12		A	9	9	9	9	9	9		A	9	9	9	9	9	9		A	11	11	11	11	11	11														

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	projection		COPY		title		METRAL SIGNAL HEADER	
H				angles	0.XX ±0.13					3 MOD, 4 ROW STB			
				dr	.XXX ±.051			MM		product family		METRAL	
				engr	0° ±2°			1:1		size		74789	
				chr						A		sheet	
				appd						4			
sheet index		revision sheet								cage code		22526	

PRODUCT NUMBER
74789-XXY
74789-XYLFF

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-N1YY	TELCORDIA CO (NXT)	
-N5YY	TELCORDIA UE (NXT)	
-1YY	TELCORDIA CO	
-2YY	TELECOM CLASS	
-3YY	IEC CLASS I	
-5YY	TELCORDIA UE	
-9YY	TELCORDIA CO	
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-N5YYLF	TELCORDIA UE (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

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:  
74789-XXY IS SnPb  
74789-XYLFF IS Sn (LEAD FREE)  
AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- 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, 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.
- THE PRODUCTS WHERE THE PART NUMBERS END IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.) -N1--- OR (DRAWINGS 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--- OR (DRAWINGS NO.) -N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM OF 140° C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.  
FOR LEAD FREE PART NUMBERS, ADD "LF" SUFFIX.  
EXAMPLE: 74789-X01LF OR 74789-X01PLF.

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mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	COPY		title	
H					0.XX ± 0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ± 0.051			3 MOD, 4 ROW STB	
				dr	0° ± 2°			product family	
				enrg	T.BRUNGARD 11/19/99	scale		METRAL	
				chr	M.STRAWSER 11/19/99	1:1		code	
				appd	M.STRAWSER 02/29/00	A		size	
sheet	revision							dwg no	
index	sheet							74789	
								sheet	
								5	