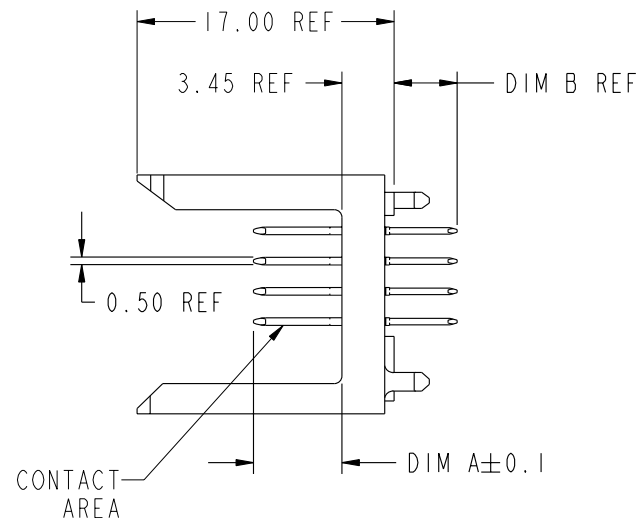
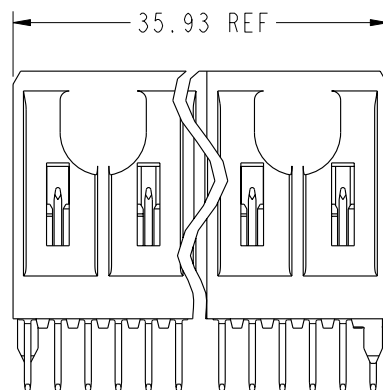
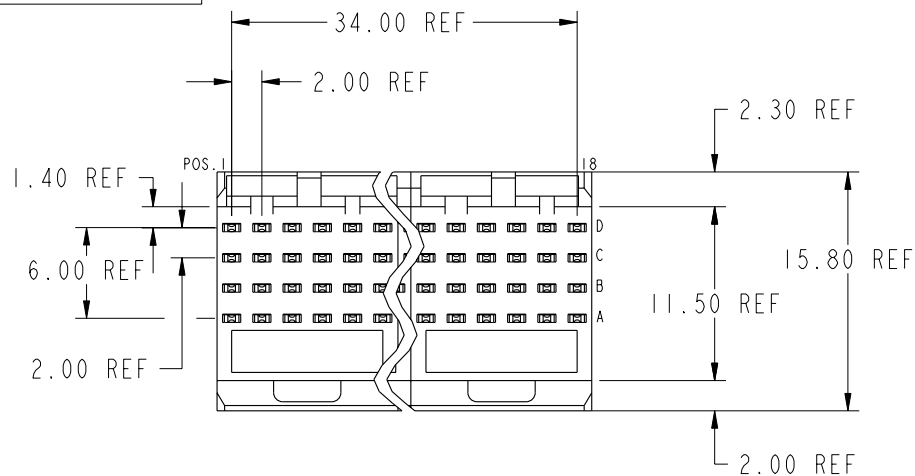
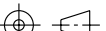
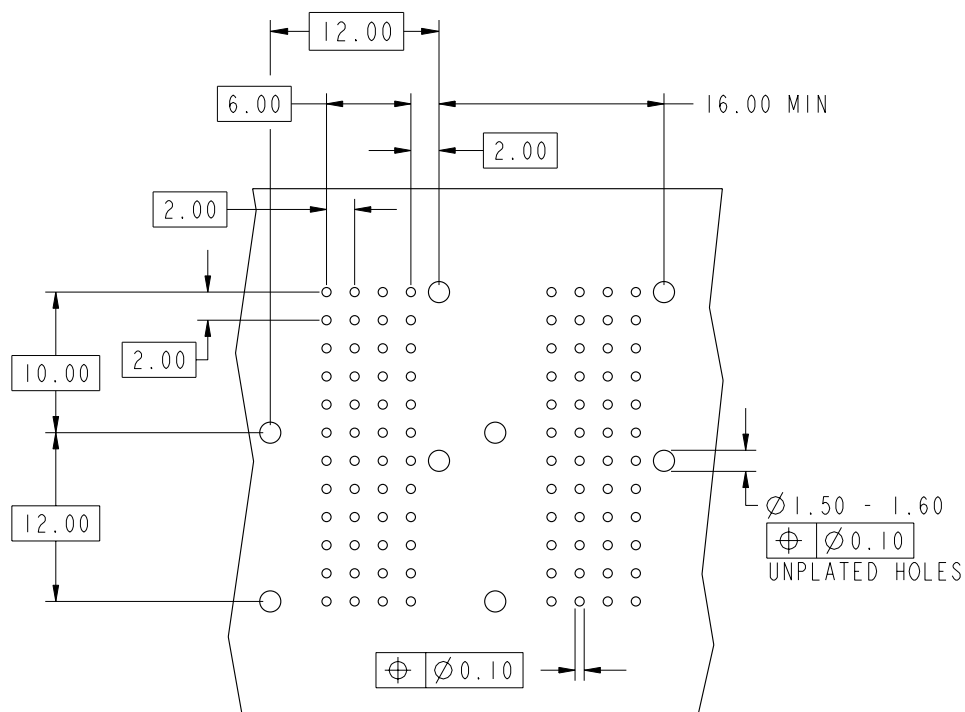




PRODUCT NUMBER
74789-XYX
74789-XYXLF



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							
B	V02641	JWS	10/16/00		0. XX ±0.13				projection					METRAL SIGNAL HEADER							
C	V10911	CGD	02/22/01		. XXX ±.051									3 MOD, 4 ROW STB							
D	V12017	CGD	08/30/01	angles	0° ±2°								product family				METRAL				code
E	V21670	TAB	10/18/02	dr	T.BRUNGARD 11/19/99				scale				size		dwg no		213		sheet 1 of 5		
F	V03-1059	DAI	09/24/03	engr	M.STRAWSE 11/19/99				2:1				A		74789						
G	V05-1126	DAI	01/09/06	chr	M.STRAWSE 11/19/99																
H	V06-0544	DCH	2006-06-09	appd	M.STRAWSE 02/29/00																
sheet index		revision sheet		H	H	H	H	H	H												
				1	2	3	4	5													



REQUIRED PC 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
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

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 METRAL SIGNAL HEADER 3 MOD, 4 ROW STB									
H					0.XX ±0.13														
					.XXX ±.051														
				angles	0° ±2°														
				dr	T.BRUNGARD	11/19/99	MM scale 1:1	product family		METRAL						code			
				enr	M.STRAWSE	11/19/99		size	dwg no		213								
				chr	M.STRAWSE	11/19/99		74789		sheet									
				appd	M.STRAWSE	02/29/00				2									
sheet index		revision sheet																	

cage code 22526

Pro/E

3

4

PDM: Rev:H

STATUS: Released

Printed: May 16, 2009



METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X01 SEE NOTE 9 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X05 SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X09 SEE NOTE 9 LEAD FREE OPTION	D	4	4	4	4	4	4
	C	4	4	4	4	4	4
	B	4	4	4	4	4	4
	A	4	4	4	4	4	4

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X13 SEE NOTE 9 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	3	3	3	3	3	3
	A	1	1	1	1	1	1

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X31 SEE NOTE 9 LEAD FREE OPTION	D	5	5	5	5	5	5
	C	5	5	5	5	5	5
	B	5	5	5	5	5	5
	A	5	5	5	5	5	5

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X35 SEE NOTE 9 LEAD FREE OPTION	D	7	7	7	7	7	7
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

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

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

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

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

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

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

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X03 SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	3	3	3	3	3	3

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X07 SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	1	1	1	1	1	1

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X11 SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	1	1	1	1	1	1
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X16 SEE NOTE 9 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	3	3	3	3	3	3
	B	4	4	4	4	4	4
	A	3	3	3	3	3	3

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X33 SEE NOTE 9 LEAD FREE OPTION	D	7	7	7	7	7	7
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	7	7	7	7	7	7

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X37 SEE NOTE 9 LEAD FREE OPTION	D	7	7	7	7	7	7
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
	A	5	5	5	5	5	5

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X04 SEE NOTE 9 LEAD FREE OPTION	D	4	4	4	4	4	4
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	4	4	4	4	4	4

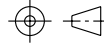
METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X08 SEE NOTE 9 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	1	1	1	1	1	1
	B	1	1	1	1	1	1
	A	1	1	1	1	1	1

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X12 SEE NOTE 9 LEAD FREE OPTION	D	4	4	4	4	4	4
	C	3	3	3	3	3	3
	B	2	2	2	2	2	2
	A	1	1	1	1	1	1

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X17 SEE NOTE 9 LEAD FREE OPTION	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	3	3	3	3	3	3

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X34 SEE NOTE 9 LEAD FREE OPTION	D	8	8	8	8	8	8
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	8	8	8	8	8	8

METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6
74789-X38 SEE NOTE 9 LEAD FREE OPTION	D	7	7	7	7	7	7
	C	5	5	5	5	5	5
	B	5	5	5	5	5	5
	A	5	5	5	5	5	5

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCj	
lfr	ecn no.	dr	date	linear	0.X ±0.3			COPY		www.fcjconnect.com	
H					0.XX ±0.13			projection		title	
					.XXX ±.051					METRAL SIGNAL HEADER	
				angles	0° ±2°					3 MOD, 4 ROW STB	
				dr	T.BRUNGARD	11/19/99		MM		product family	
				engr	M.STRAWSER	11/19/99		scale		METRAL	
				chr	M.STRAWSER	11/19/99		A <td colspan="2">code</td>		code	
				appd	M.STRAWSER	02/29/00		1:1 <td colspan="2">213</td>		213	
sheet index		revision sheet								sheet 3	

A



PRODUCT NUMBER
74789-XXY
74789-XXYLF

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-NIYY	TELCORDIA CO (NXT)	
-N5YY	TELCORDIA UE (NXT)	
-IYY	TELCORDIA CO	
-2YY	TELECOM CLASS	
-3YY	IEC CLASS I	
-5YY	TELCORDIA UE	
-9YY	TELCORDIA CO	
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT) IEC CLASS I	SEE NOTE 8
-IYYLF	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-XXYLF 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-X0ILF OR 74789-X0IPLF.

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date					COPY		www.fciconnect.com	
H				linear		0.X ±0.3		projection		title METRAL SIGNAL HEADER 3 MOD, 4 ROW STB	
						0.XX ±0.13					
				angles		.XXX ±.051					
						0° ±2°				product family METRAL code 213 size dwg no 74789 sheet 5	
				dr	T.BRUNGARD	11/19/99		MM			
				enrg	M.STRAWSE	11/19/99					
				chr	M.STRAWSE	11/19/99		scale		A 74789	
				appd	M.STRAWSE	02/29/00		1:1			
sheet	revision									cage code 22526	
index	sheet										