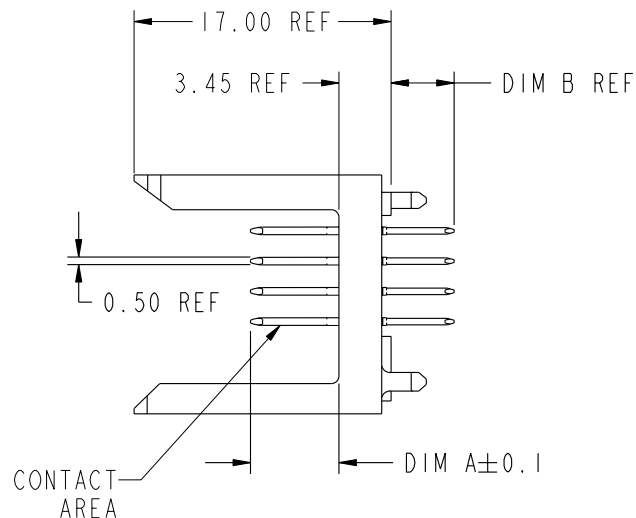
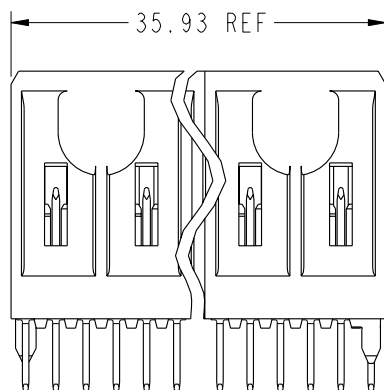
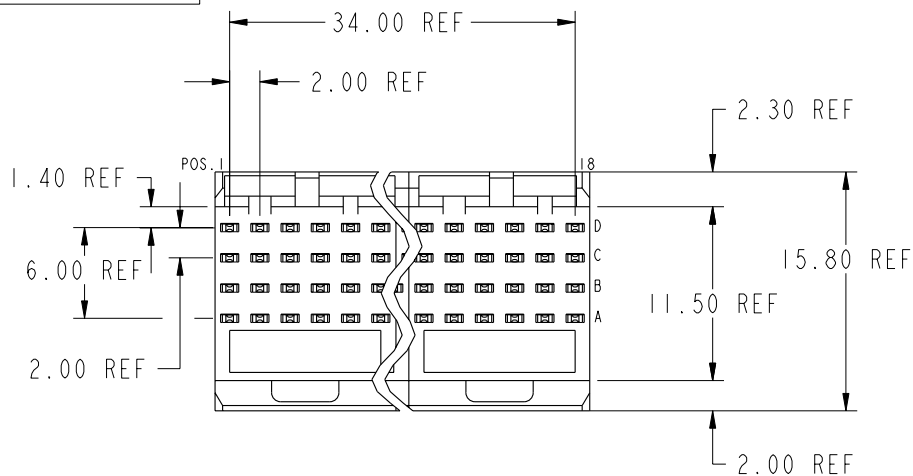
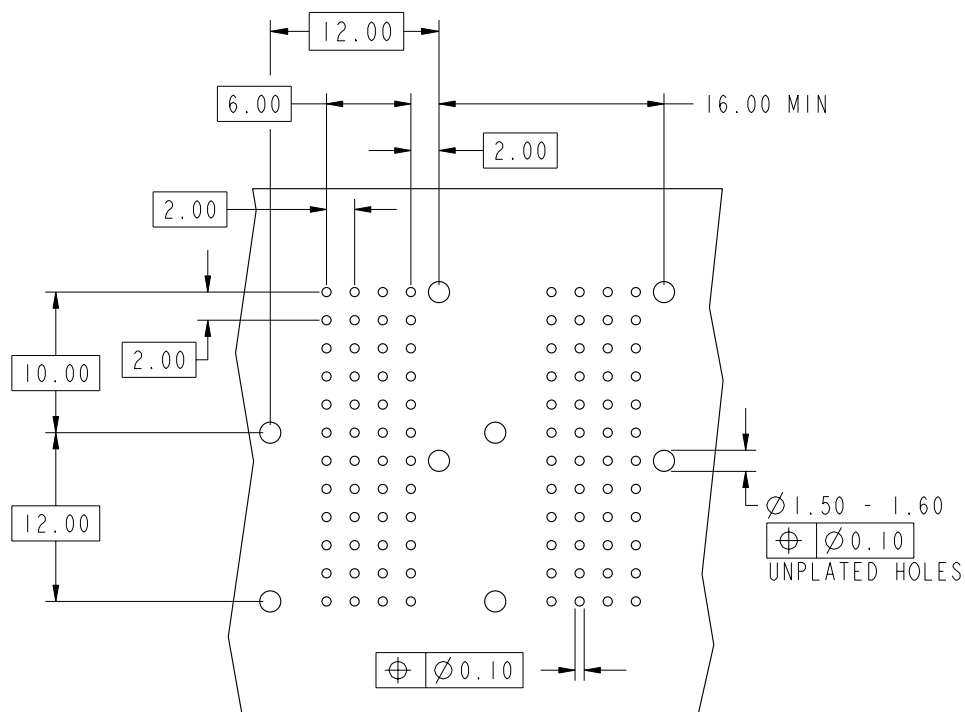




PRODUCT NUMBER
74789-XYX
74789-XYXLF



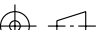
mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER				FCI			
ltr	ecn no.	dr	date																
B	V02641	JWS	10/16/00																
C	V10911	CGD	02/22/01																
D	V12017	CGD	08/30/01																
E	V21670	TAB	10/18/02																
F	V03-1059	DAI	09/24/03																
G	V05-1126	DAI	01/09/06																
H	V06-0544	DCH	2006-06-09																
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				www.fciconnect.com				
ltr	ecr no.	dr	date	linear	0. X ±0.3		COPY			title METRAL SIGNAL HEADER 3 MOD, 4 ROW STB				
H					0. XX ±0.13		projection							
					.XXX ±.051									
				angles	0° ±2°									
				dr	T.BRUNGARD	11/19/99	 MM scale		product family		METRAL		code	
				enrg	M.STRAWSE	11/19/99			size	dwg no	213			
				chr	M.STRAWSE	11/19/99			74789			sheet		
				appd	M.STRAWSE	02/29/00	1:1		A	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						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
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

METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
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

METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
74789-X03		D	3	3	3	3	3	74789-X07		D	3	3	3	3	3	74789-X11		D	3	3	3	3	3	74789-X16		D	2	2	2	2	2	74789-X33		D	7	7	7	7	7	74789-X37		D	7	7	7	7	7
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	3	3	3	3	3	SEE NOTE 9 LEAD FREE OPTION		C	6	6	6	6	6	SEE NOTE 9 LEAD FREE OPTION		C	6	6	6	6	6
		B	2	2	2	2	2			B	2	2	2	2	2			B	3	3	3	3	3			B	4	4	4	4	4			B	6	6	6	6	6			B	6	6	6	6	6
		A	3	3	3	3	3			A	1	1	1	1	1			A	3	3	3	3	3			A	3	3	3	3	3			A	7	7	7	7	7			A	5	5	5	5	5

METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3						METRAL P/N		CONTACT CODE MOD. 1 THRU 3					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
74789-X04		D	4	4	4	4	4	74789-X08		D	3	3	3	3	3	74789-X12		D	4	4	4	4	4	74789-X17		D	2	2	2	2	2	74789-X34		D	8	8	8	8	8	74789-X38		D	7	7	7	7	7
SEE NOTE 9 LEAD FREE OPTION		C	3	3	3	3	3	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	2	2	2	2	2	SEE NOTE 9 LEAD FREE OPTION		C	7	7	7	7	7	SEE NOTE 9 LEAD FREE OPTION		C	5	5	5	5	5
		B	3	3	3	3	3			B	1	1	1	1	1			B	2	2	2	2	2			B	2	2	2	2	2			B	7	7	7	7	7			B	5	5	5	5	5
		A	4	4	4	4	4			A	1	1	1	1	1			A	1	1	1	1	1			A	3	3	3	3	3			A	8	8	8	8	8			A	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.fcconnect.com					
H					0.XX ±0.13			projection		title					
					.XXX ±.051			0° ±2°		METRAL SIGNAL HEADER					
				angles	0° ±2°			MM		3 MOD, 4 ROW STB					
				dr	T.BRUNGARD 11/19/99			scale		product family					
				enrg	M.STRAWSER 11/19/99			1:1		METRAL					
				chr	M.STRAWSER 11/19/99					size					
				appd	M.STRAWSER 02/29/00					dwg no					
sheet index				revision sheet								74789		code	
												213		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		www.fciconnect.com	
ltr	ecr no.	dr	date					COPY					
H				linear		0.X ±0.3		projection		title METRAL SIGNAL HEADER			
						0.XX ±0.13				3 MOD, 4 ROW STB			
				angles		.XXX ±.051							
						0° ±2°							
				dr	T.BRUNGARD	11/19/99		MM		product family		METRAL	code
				enrg	M.STRAWSE	11/19/99				size	dwg no		213
				chr	M.STRAWSE	11/19/99		scale		A		74789	sheet
				appd	M.STRAWSE	02/29/00		1:1					5
sheet	revision												
index	sheet												

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[74789-105LF](#) [74789-135LF](#)