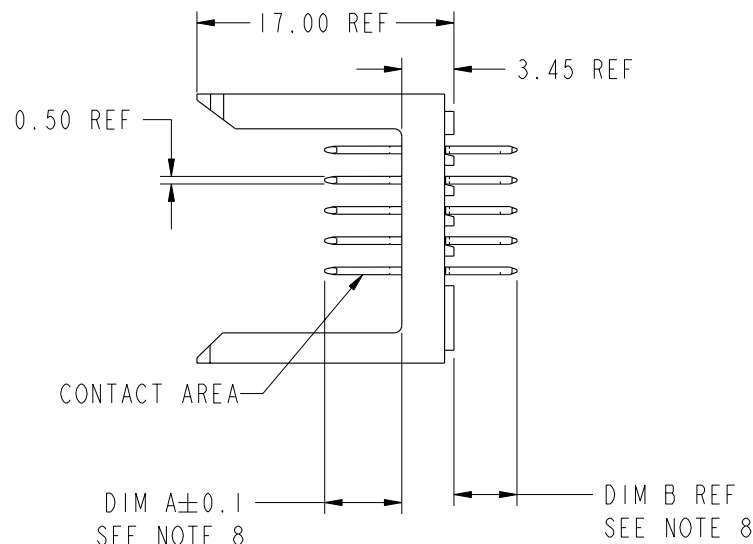
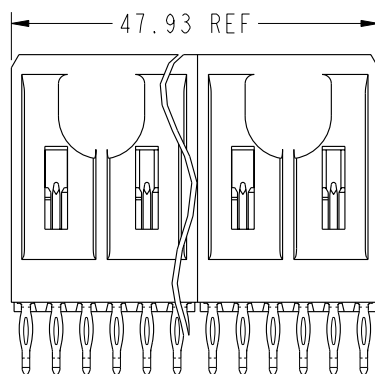
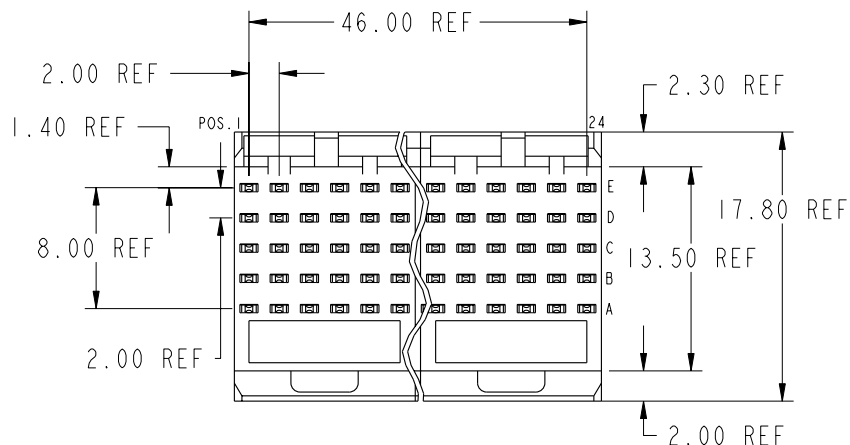
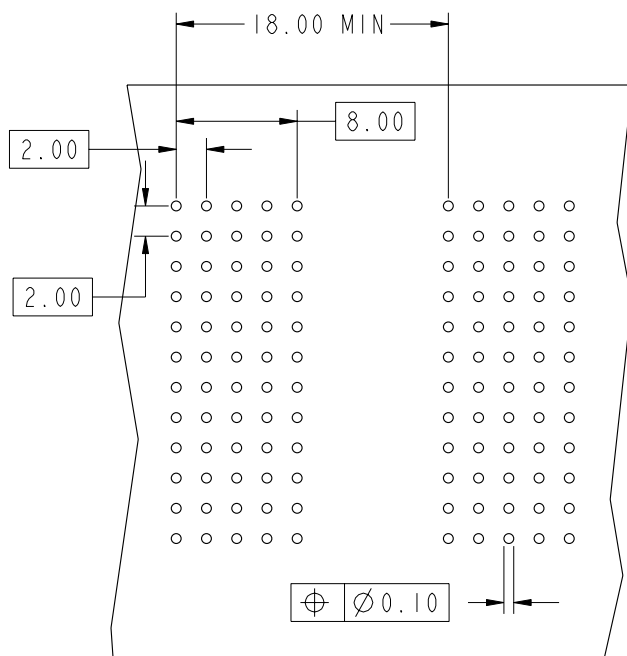




PRODUCT NUMBER
10028813-XXX
10028813-XXYLF

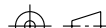


mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI	
ltr	ecm no.	dr	date		0.X ±0.3			COPY		www.fciconnect.com	
A	V03-0538	DAI	05/13/03	linear	0.XX ±0.13			projection		title	
B	V04-0459	LP	5/25/04		.XXX ±.051					METRAL SIGNAL HEADER	
C	V04-1100	DAI	01/27/05	angles	0° ±2°					4 MOD, 5 ROW PRESS-FIT	
D	V06-0573	DCH	2006-06-14	dr	D. INGRAM	05/13/03		MM		product family	METRAL
				enrg	M. GRAY	05/13/03		scale		size	dwg no
				chr	M. GRAY	05/13/03		2:1		A	10028813
				appd	M. GRAY	05/13/03					code
sheet	revision	D	D	D	D						213
index	sheet	1	2	3	4						sheet
											1 of 4



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
2	5.75	4.30
1	5.00	4.30
4	7.25	4.30

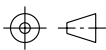
REQUIRED PC BOARD LAYOUT
 COMPONENT SIDE
 SEE PRINT 58351 FOR
 ADDITIONAL PCB INFORMATION

mat'l code				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com				
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY			title METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT				
D					0.XX ±0.13		projection							
					.XXX ±.051									
				angles	0° ±2°									
				dr	D. INGRAM	05/13/03	 MM scale		product family		METRAL		code	
				enrg	M. GRAY	05/13/03			size	dwg no	213			
				chr	M. GRAY	05/13/03			10028813		sheet			
				appd	M. GRAY	05/13/03	1:1		A				2	
sheet index		revision sheet												

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METRAL P/N	CUSTOMER 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
10028813-X01 SEE NOTE 10 LEAD FREE OPTION	85801-2039	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		C	4	2	2	2	2	2	4	2	2	2	2	2	1	2	2	2	2	2	4	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	
		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

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3		projection		COPY	title METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT			
D					0.XX ±0.13								
					.XXX ±.051								
				angles	0° ±2°			scale 1:1	product family METRAL	size A	dwg no 10028813	code 213 sheet 3	
				dr	D. INGRAM	05/13/03							
				enr	M. GRAY	05/13/03							
				chr	M. GRAY	05/13/03							
				appd	M. GRAY	05/13/03							
sheet index	revision sheet												



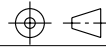
PRODUCT NUMBER
10028813-XYX
10028813-XYXLF

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:
73934-XYX IS SnPb
73934-XYXLF IS SN (LEAD FREE)
PLATING ON CONTACT 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, A SUFFIX "P"
WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE: XXXXX-XXXP
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS 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 (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.

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

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear		COPY		title METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT	
D						projection			
									
				angles				product family METRAL	
				dr	D. INGRAM	05/13/03	scale 1:1	size A	code 213
				enrg	M. STRAWER	11/19/99			
				chr	M. GRAY	05/13/03			
				appd	M. GRAY	05/13/03			
sheet index		revision sheet							