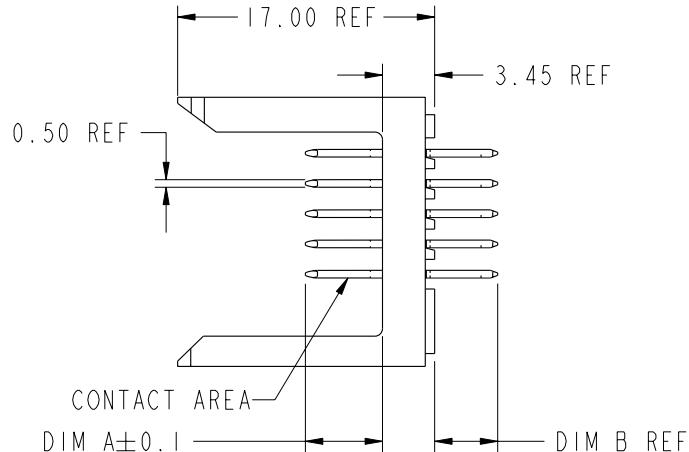
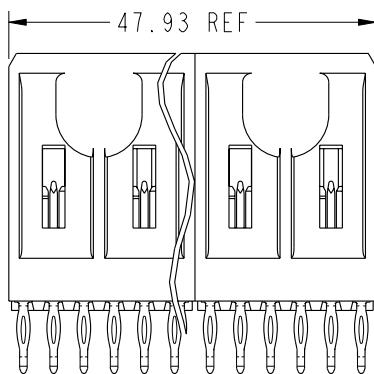
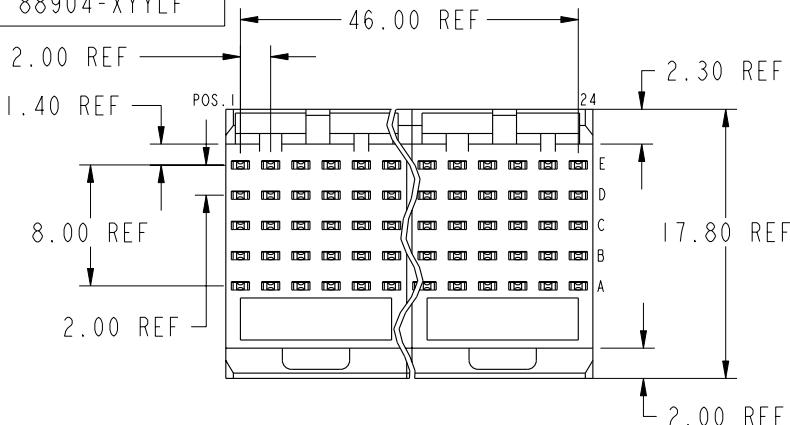


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PRODUCT NUMBER
88904-XXX
88904-XXYL



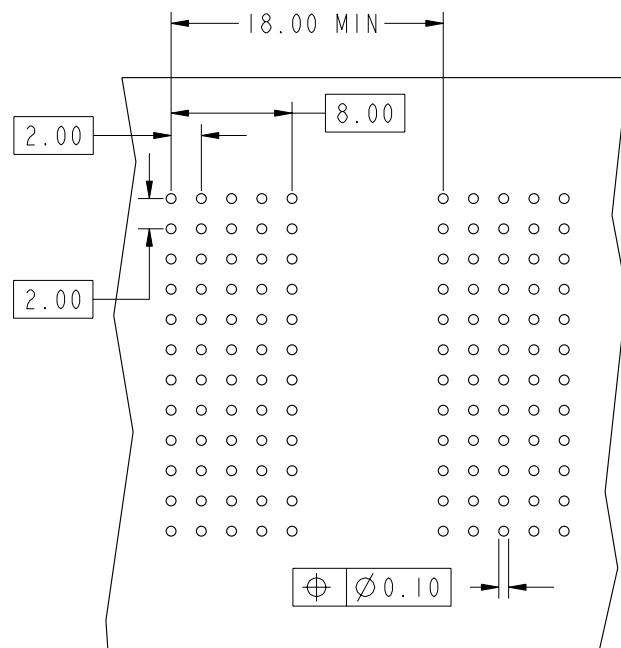
mat'l code				tolerances unless otherwise specified		CUSTOMER	www.fciconnect.com
ltr	ecn no.	dr	date	linear	angles		
K	V06-0569	DCH	2006-06-13	0. X ± 0.3		projection	title METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT
L	V06-0984	DCH	2006-09-29	0. XX ± 0.13		MM	
-	-	-	-	.XXX ± .051		product family	METRAL
F	V05-0966	DAI	10/18/05	dr	0° ± 2°	size	code
G	V05-1064	LP	11/22/05	engr		dwg no	213
H	V05-1099	LP	12/07/05	chr			
J	V05-1125	LP	12/19/05	oppd		sheet	88904
							1 of 5
sheet index		revision	L L L L L				
sheet			1 2 3 4 5				

Pro/E

PDM: Rev:L

STATUS: Released

Printed: Nov 13, 2007



CODE	KEY	
	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
19	8.00	4.30

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

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mat'l code				tolerances unless otherwise specified			CUSTOMER COPY	title	product family	code
ltr	ecn no.	dr	date	linear	0. X ± 0.3	projection				
L					0. XX ± 0. 13					
					.XXX ± .051					
				angles	0° ± 2°					
				dr	T.BRUNGARD	11/19/99	MM	dwg no	METRAL	213
				engr	M.STRAWSER	11/19/99				
				chr	M.STRAWSER	11/19/99				
				appd	M.STRAWSER	02/29/00				
sheet		revision					scale	A	88904	sheet
index		sheet								

1 | 2

Pro/E

3 |

cage code 22526

4

METRAL P/N	ROW	CONTACT CODE				MOD. 2				MOD. 3				MOD. 4															
		MOD.	1	CODE	MOD.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
88904-X02 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	2	2	2	4	3	3	3	3	3	3	3	3	3	19	19	4	4	3	3	
	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	19	19	4	4	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	19	19	4	4	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	19	19	4	4	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	19	19	4	4	3	3

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REV E - 2006-04-18

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com						
Itr	ecn no.	dr	date	linear	0. X ± 0.3	COPY		projection	title	METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT						
L					0. XX ± 0.13											
					. XXX ± 0.051											
				angles	0° ± 2°			MM	product family	METRAL	code					
					dr T. BRUNGARD 11/19/99						size		dwg no			
					engr M. STRAWSER 11/19/99						A		88904		213	
					chr M. STRAWSER 11/19/99											
				oppd M. STRAWSER 02/29/00			scale				3					
sheet		revision														
index		sheet														

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B

mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com		
Itr	ecn no.	dr	date	linear	0. X \pm 0.3				COPY	
L				linear	0. XX \pm 0.13	projection	title METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT			
				angles	.XXX \pm 051					
				dr	T. BRUNGARD 11/19/99	MM	product family METRAL		code	
				engr	M. STRAWSER 11/19/99	— — —			size	dwg no
				chr	M. STRAWSER 11/19/99	scale	A 88904		sheet	
				appd	M. STRAWSER 02/29/00	— : —				
sheet	revision									
index	sheet									

PRODUCT NUMBER
88904-XYY
88904-XYYLF

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL: PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL: 88904-XYY IS SnPb
88904-XYYLF IS Sn (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
5. PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
6. 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 OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION: GS-12-180
- ⑧ APPLICATION SPECIFICATION: BUS-20-073
- ⑧ 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.) -NI--- 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.) -NI--- 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.
- ⑨ FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 88904-X01LF

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-PYY	0.25 um GOLD MIN.	-
-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)	SEE NOTE 8
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

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mat'l code				tolerances unless otherwise specified			CUSTOMER COPY	title	product family	METRAL	code
ltr	ecn no.	dr	date	linear	0. X ± 0. 3	projection					
L					0. XX ± 0. 13						
					. XXX ± . 051						
				angles	0° ± 2°						
				dr	T. BRUNGARD	11/19/99					
				engr	M. STRAWSER	11/19/99					
				chr	M. STRAWSER	11/19/99					
				appd	M. STRAWSER	02/29/00					
	sheet	revision									
	index	sheet									



A

A

B

B

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