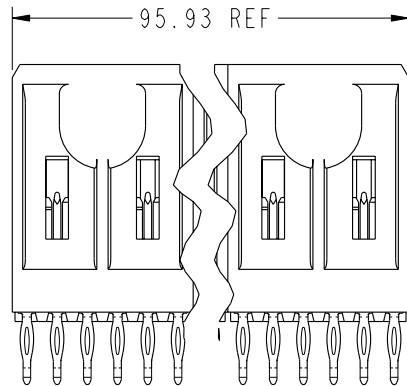
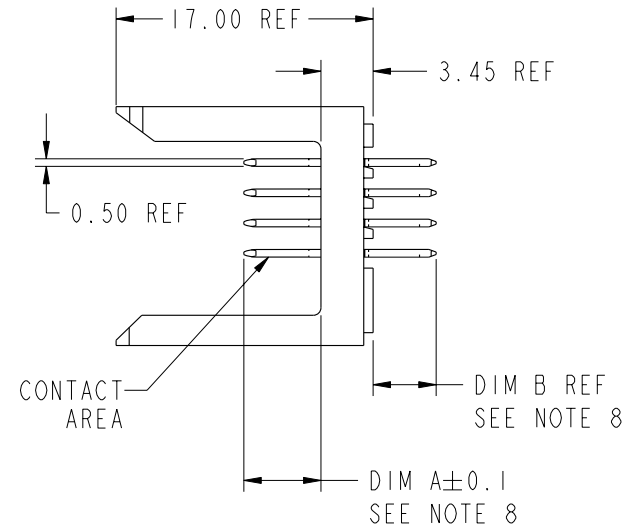
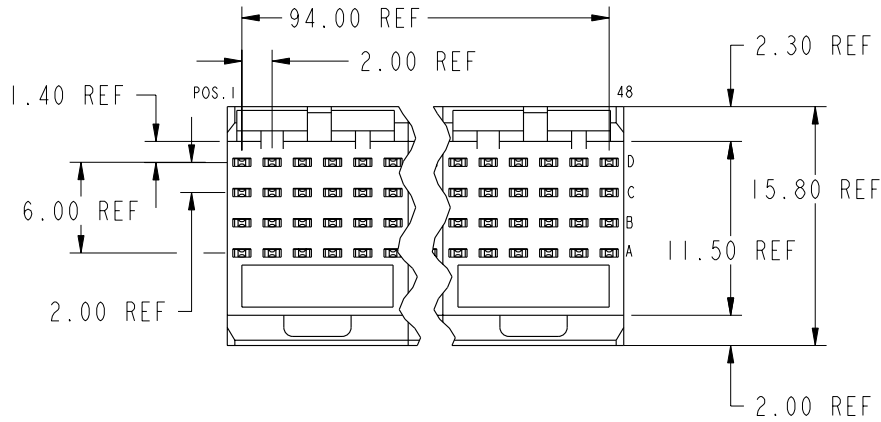

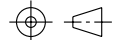

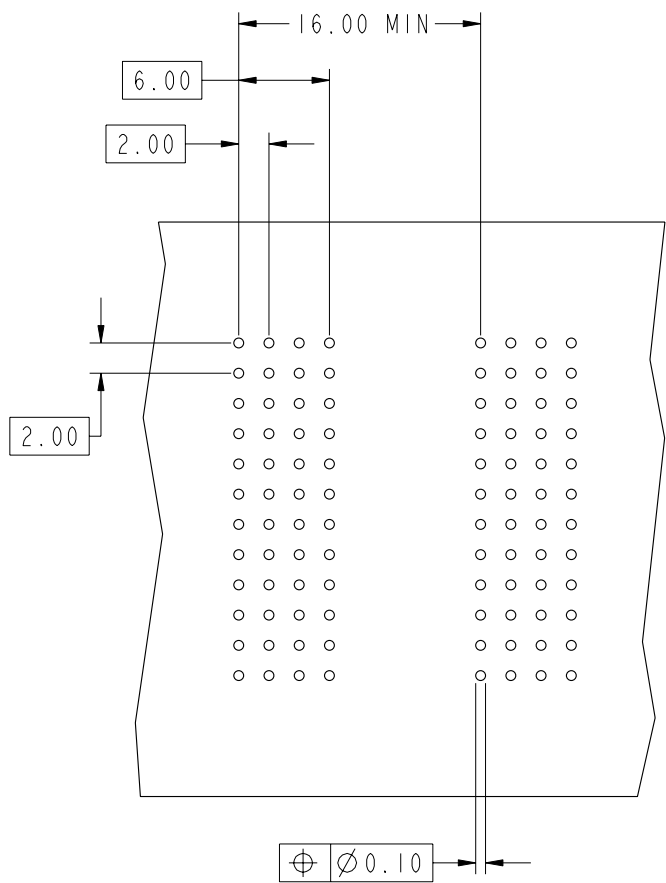


PRODUCT NUMBER  
SEE TABLE



mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER			 www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ± 0.3				COPY			 title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT		product family METRAL code size dwg no 213 A 85666 sheet 1 of 11		
-	-	-	-		0.XX ± 0.13				projection							
Y	V04-0701	TAB	07/29/04		.XXX ± 0.051				 MM scale 2:1							
AA	V04-1216	TAB	12/23/04	dr	T.BRUNGARD	11/19/99										
AB	V05-0115	HTB	02/02/05	engr	M.STRAWSER	11/19/99										
AC	V05-0362	VS	05/05/05	chr	M.STRAWSER	11/19/99										
AD	V05-1030	LP	11/18/05	appd	M.STRAWSER	02/29/00										
sheet	revision	AE	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD				
index	sheet	1	2	3	4	5	6	7	8	9	10	11				

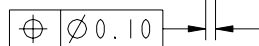
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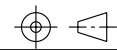



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
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2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
20	8.00	13.60

REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR ADDITIONAL  
PCB INFORMATION.




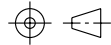
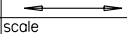
mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecm no.	dr	date	linear	0.X ±0.3	COPY		projection		
AE					0.XX ±0.13	MM				title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT
					.XXX ±.051					
				angles	0° ±2°	product family		code		
				dr	T.BRUNGARD	11/19/99	METRAL		213	
				enr	M.STRAWSER	11/19/99	size	dwg no	sheet	
				chr	M.STRAWSER	11/19/99	A		2	
				appd	M.STRAWSER	02/29/00	85666			
sheet index	revision sheet						scale	1:1		

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PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
85666-AYY	STANDARD	Au FLASH	TELCORDIA CO
85666-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
85666-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
85666-IYY	STANDARD	TIN LEAD	TELCORDIA CO
85666-2YY	STANDARD	TIN LEAD	TELECOM CLASS
85666-3YY	STANDARD	TIN LEAD	IEC CLASS I
85666-5YY	STANDARD	TIN LEAD	TELCORDIA UE
85666-9YY	STANDARD	TIN LEAD	TELCORDIA CO
85666-AYYLF	LEAD FREE	Au FLASH	TELCORDIA CO, SEE NOTES 10 AND 11
85666-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
85666-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
85666-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
85666-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
85666-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

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 AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- 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-XXXX OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 85666-N1--- OR 85666-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 85666-N1--- AND 85666-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title	
AE				linear	0.XX ±0.13	projection		METRAL SIGNAL HEADER	
				angles	.XXX ±.051			8 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99	MM		product family	
				engr	M.STRAWSER 11/19/99			METRAL	
				chr	M.STRAWSER 11/19/99	scale		code	
				appd	M.STRAWSER 02/29/00	1:1		213	
sheet index		revision sheet						sheet	
								3	



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48							
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85666-X07 AND 85666-X07LF	D	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	4	3	3	4					
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mat'l code			--	tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com																	
ltr	ecr no.	dr	date	linear	0.X ± 0.3	COPY		<table border="1"> <tr> <td>title</td> <td colspan="3">METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT</td> </tr> <tr> <td>product family</td> <td colspan="2">METRAL</td> <td>code</td> <td>213</td> </tr> <tr> <td>size</td> <td>dwg no</td> <td colspan="2">85666</td> <td>sheet</td> <td>5</td> </tr> </table>			title	METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT			product family	METRAL		code	213	size	dwg no	85666		sheet	5
title	METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT																								
product family	METRAL		code		213																				
size	dwg no	85666			sheet	5																			
AE				0.XX ± 0.13	projection																				
				.XXX ± .051																					
				0° ± 2°	angles																				
				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 index	revision sheet						<table border="1"> <tr> <td>scale</td> <td colspan="2">1:1</td> </tr> </table>		scale	1:1															
scale	1:1																								



Table for METRAL P/N 85666-X16 AND 85666-X16LF with columns for CONTACT CODE MOD. 1-8 and rows D, C, B, A.

Table for METRAL P/N 85666-X17 AND 85666-X17LF with columns for CONTACT CODE MOD. 1-8 and rows D, C, B, A.

Table for METRAL P/N 85666-X18 AND 85666-X18LF with columns for CONTACT CODE MOD. 1-8 and rows D, C, B, A.

Table for METRAL P/N 85666-X19 AND 85666-X19LF with columns for CONTACT CODE MOD. 1-8 and rows D, C, B, A.

Table for METRAL P/N 85666-X20 AND 85666-X20LF with columns for CONTACT CODE MOD. 1-8 and rows D, C, B, A.



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Technical drawing header block containing: mat'l code, tolerances, CUSTOMER (FCI), title (METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT), product family (METRAL), code (213), sheet (7), revision, sheet index, and scale (1:1).







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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48			
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8														
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48			
85666-X34 AND 85666-X34LF	D	1	1	19	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
	C	1	1	19	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	B	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48		
85666-X35 AND 85666-X35LF	D	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	5	5	
	C	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	5	5	5
	B	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	5	5	5
	A	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	20	5	5	5	5	5	5	5

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AE				linear	projection	title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT
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				engr	M.STRAWSER	11/19/99
				chr	M.STRAWSER	11/19/99
				appd	M.STRAWSER	02/29/00
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					product family	METRAL code 213
					size	dwg no 85666 sheet 10

