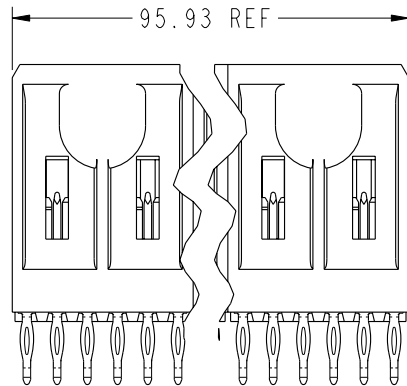
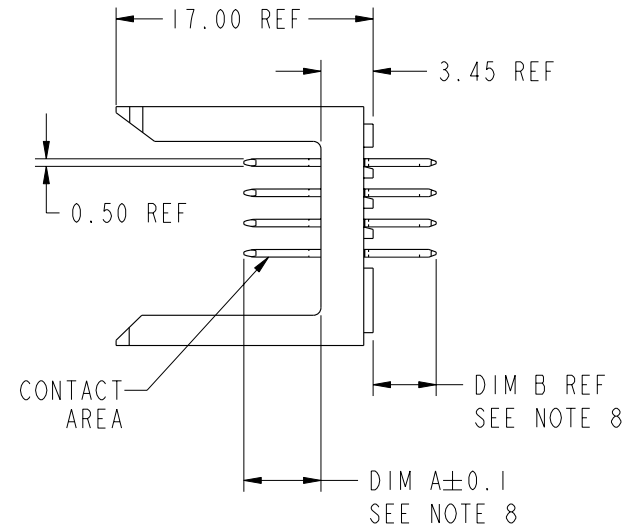
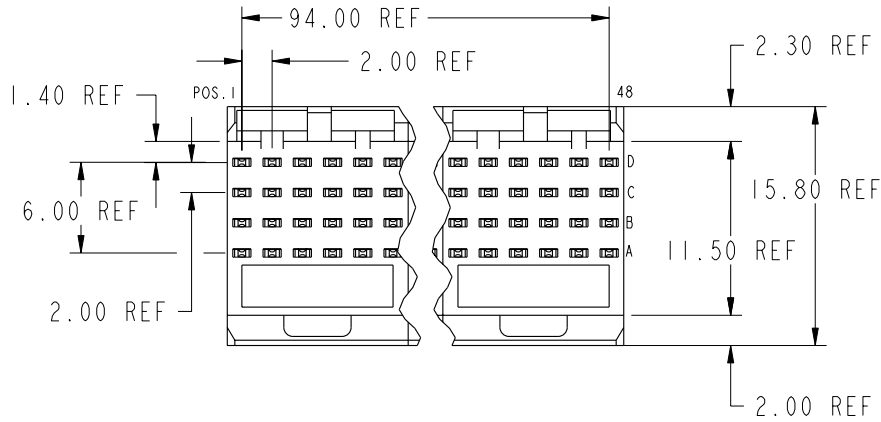
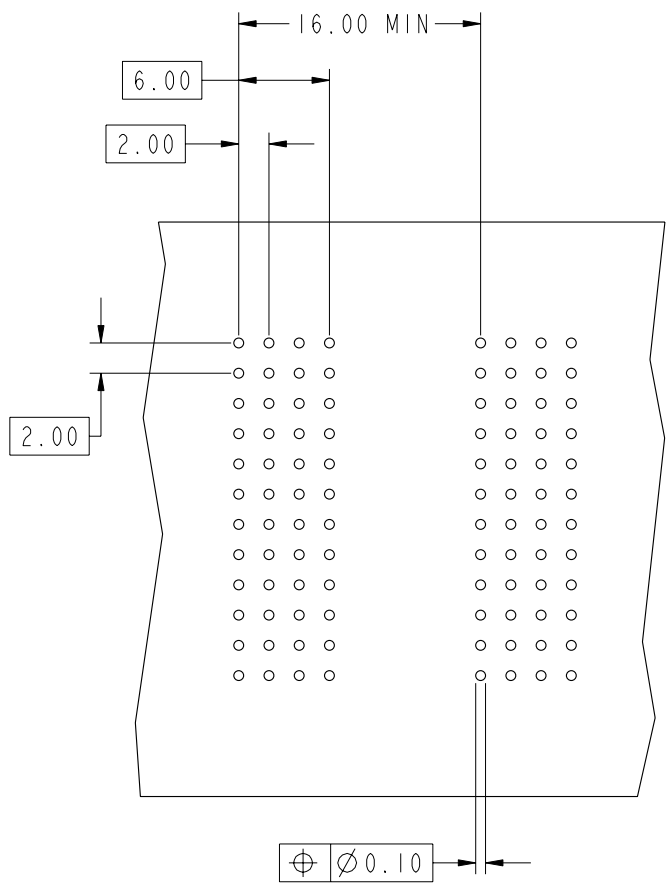


PRODUCT NUMBER
SEE TABLE



mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER			FCj www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.3				COPY			projection		title METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT		
AE	V06-0569	DCH	2006-06-12		0.XX ± 0.13				MM							
-	-	-	-		.XXX ± 0.051				scale							
Y	V04-0701	TAB	07/29/04	angles	0° ± 2°				2:1			product family METRAL		code 213		
AA	V04-1216	TAB	12/23/04	dr	T.BRUNGARD	11/19/99	A		size 85666		sheet 1 of 11					
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 index	revision sheet	AE	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD	AD

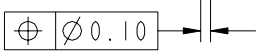
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KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
20	8.00	13.60

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR ADDITIONAL
PCB INFORMATION.




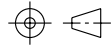

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mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecm no.	dr	date	linear	0.X ±0.3		COPY		 projection	title	
AE					0.XX ±0.13		MM			METRAL SIGNAL HEADER	
					.XXX ±.051		 MM			8 MOD, 4 ROW PRESS-FIT	
				angles	0° ±2°		scale		product family		
				dr	T.BRUNGARD	11/19/99	1:1		METRAL		
				enr	M.STRAWSER	11/19/99	A		code		
				chr	M.STRAWSER	11/19/99			213		
				appd	M.STRAWSER	02/29/00			sheet		
sheet index		revision sheet						cage code		2	
								22526		2	

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-XXXP 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			product family	
				engr	M.STRAWSER 11/19/99	scale		METRAL	
				chr	M.STRAWSER 11/19/99	1:1		code	
				appd	M.STRAWSER 02/29/00	A		213	
sheet index		revision sheet						size	
								dwg no	
								85666	
								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	
85666-X01 AND 85666-X01LF	D	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	2	
	C	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	3	3	2	2
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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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85666-X02 AND 85666-X02LF	D	6	6	6	6	6	6	6	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
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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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	A	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

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-X04 AND 85666-X04LF	D	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
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	B	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	

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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85666-X05 AND 85666-X05LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
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mat'l code				--				tolerances unless otherwise specified				CUSTOMER				FCJ www.fcjconnect.com			
ltr	ecr no.	dr	date	linear	0.X ±0.3				projection				title						
AE					0.XX ±0.13				MM				METRAL SIGNAL HEADER 8 MOD, 4 ROW PRESS-FIT						
					angles	.XXX ±.051				MM				product family					
				0° ±2°				scale				METRAL							
				dr	T.BRUNGARD	11/19/99				A				code					
				enrg	M.STRAWSER	11/19/99				1:1				213					
				chr	M.STRAWSER	11/19/99				A				sheet					
				appd	M.STRAWSER	02/29/00				A				4					
sheet index		revision sheet																	

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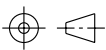

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7					MOD. 8												
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85666-X11 AND 85666-X11LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	
	C	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	1	1	1	1	1	1	1	1	1	3	3	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														
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85666-X12 AND 85666-X12LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
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	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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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85666-X14 AND 85666-X14LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	2	2	2	2	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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-X15 AND 85666-X15LF	D	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	C	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	B	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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				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						product family		METRAL		code	
				engr				M.STRAWSER		11/19/99		size		dwg no		213		sheet			
				chr				M.STRAWSER		11/19/99		scale		A		85666		6			
				appd				M.STRAWSER		02/29/00		1:1									
sheet index		revision sheet																			

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