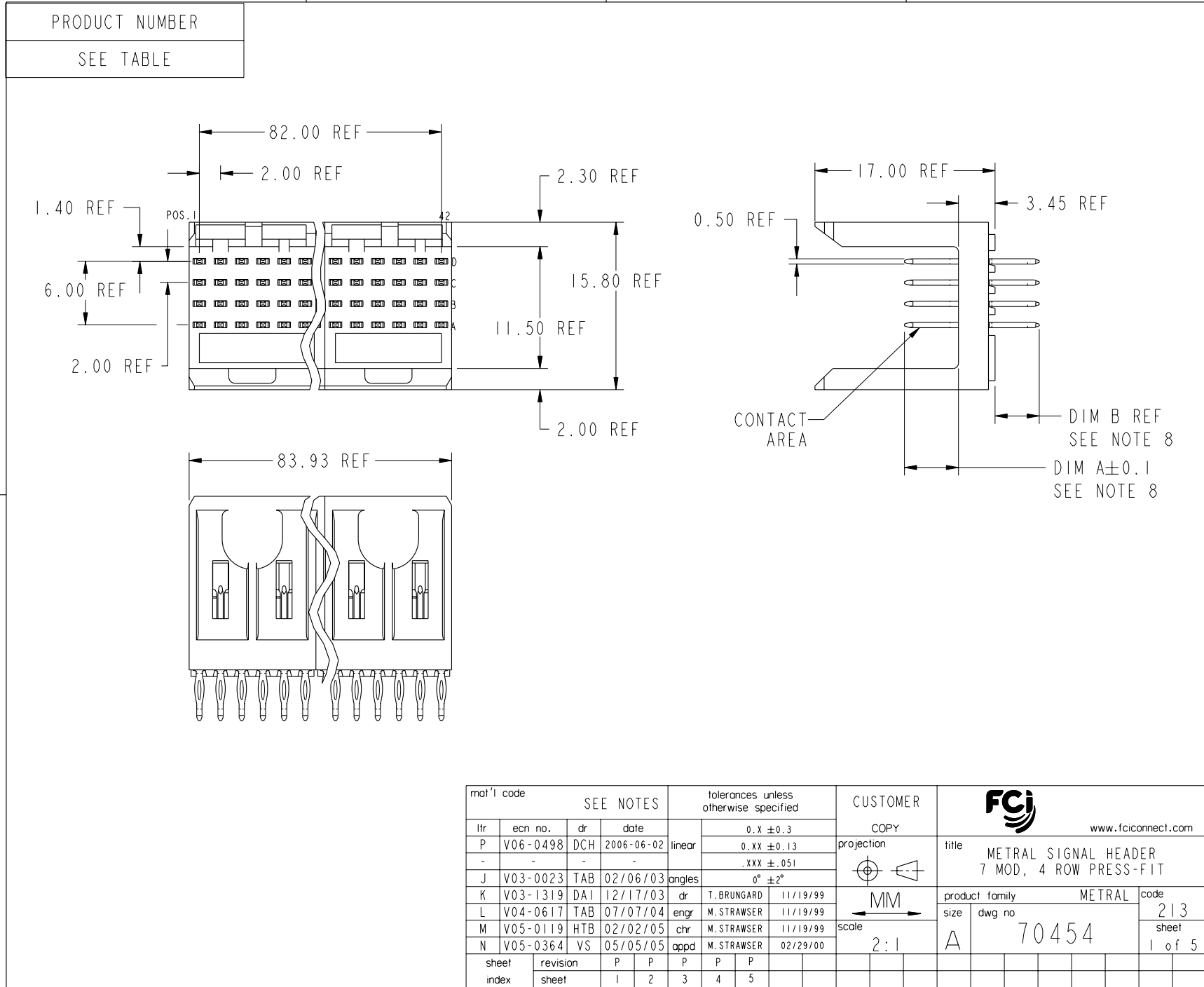
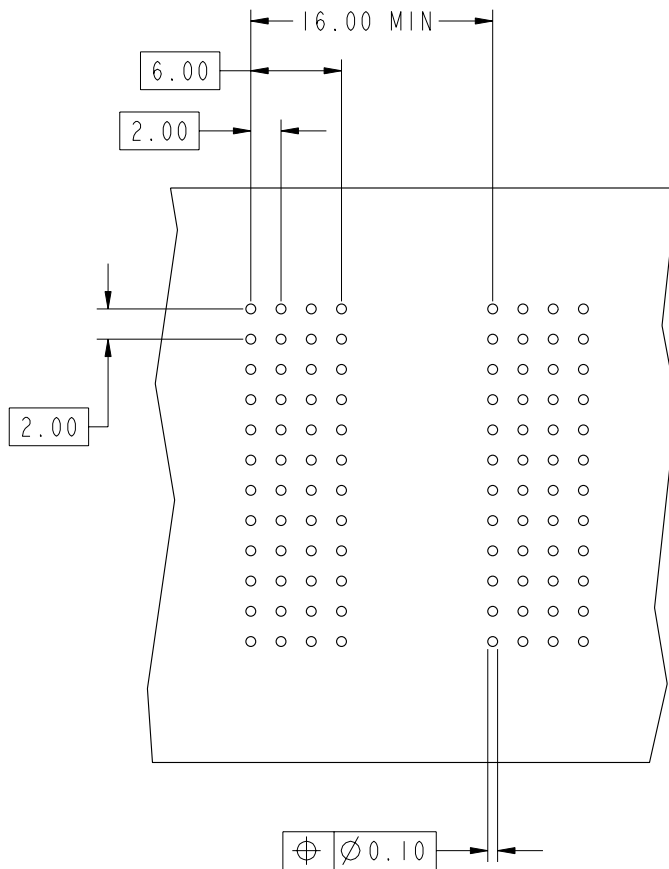


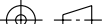


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REQUIRED PC BOARD LAYOUT
 COMPONENT SIDE
 SEE PRINT 58351 FOR
 ADDITIONAL PCB INFORMATION

KEY (SIGNAL PRESS-FIT)		
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
19	8.00	4.30

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 7 MOD, 4 ROW PRESS-FIT				
P					0. XX ±0.13		projection							
					. XXX ±.051									
				angles	0° ±2°				product family METRAL					
				dr	T.BRUNGARD	11/19/99								
				enrg	M.STRAWSER	11/19/99								
				chr	M. STAWSER	11/19/99			size		dwg no		code	
				appd	M.STRAWSER	02/29/00	scale		A		70454		213	
sheet index		revision sheet											sheet 2	

cage code 22526

Pro/E

PDM: Rev:P

STATUS: Released Printed: May 16, 2009



A

B

1 | 2

3 |

4

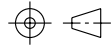
PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70454-NIYYY	STANDARD	TIN LEAD	TELCORDIA UE (NXT)
70454-N5YYY	STANDARD	TIN LEAD	TECORDIA CO (NXT)
70454-1YYY	STANDARD	TIN LEAD	TELCORDIA CO
70454-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
70454-3YYY	STANDARD	TIN LEAD	IEC CLASS I
70454-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
70454-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
70454-NIYYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
70454-N5YYYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70454-1YYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
70454-2YYYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70454-5YYYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

NOTES:

- FOR DIM A AND B SEE DRAWING 70451, SHEETS 2 - 8 FOR DASH NUMBERS -X010 THROUGH -X099. FOR DASH NUMBERS -X300 AND UP, SEE SHEET 3 AND UP FOR SELECT LOAD.
- BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL PHOSPHOR BRONZE:
- PLATING ON: PRESS-FIT 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, SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXXPLF
- PRODUCT SPECIFICATION:
GS-12-180
APPLICATION SPECIFICATION:
BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 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 70454-NI--- OR 70454-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 70454-NI--- AND 70454-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.

A

B

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 7 MOD, 4 ROW PRESS-FIT		
P					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				product family METRAL code 213 size dwg no 70454 sheet 3		
				dr	T.BRUNGARD	11/19/99	scale				
				enrg	M.STRAWSE	11/19/99	1:1				
				chr	M.STRAWSE	11/19/99					
				appd	M.STRAWSE	02/29/00			cage code 22526		
sheet index	revision sheet										

Pro/E

3 |

4

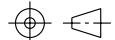


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70454-X300 AND 70454-X300LF	D	4	4	1	1	1	1	1	4	1	1	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	4	1	1	1	1	1	1	1	1	1	4	1	1
	C	4	4	1	1	1	4	4	4	4	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	4	1	1	1	1	1	1	1	1	1	4	1	1
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7											
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70454-X301 AND 70454-X301LF	D	4	4	1	1	1	4	4	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	4	1	1	1	1	1	1	1	1	1	1	4	1	1
	C	4	4	1	1	1	4	4	4	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	4	1	1	1	1	1	1	1	1	1	1	4	1	1
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	1	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	1	1	1	1	1	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											
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70454-X302 AND 70454-X302LF	D	4	1	1	1	4	1	1	1	4	4	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	4	1	1	1	1	1	1	1	1	1	1	4	1	1
	C	4	1	1	1	4	1	1	1	4	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	4	1	1	1	1	1	1	1	1	1	1	4	1	1
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	1	1	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	1	1	1	1	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											
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70454-X303 AND 70454-X303LF	D	4	1	1	1	1	1	1	1	1	1	4	4	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	4	4	4	1	1	1	1	4	1	1	1	4	4	1	1
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mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
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P					0.XX ±0.13		projection			METRAL SIGNAL HEADER	
					.XXX ±.051		MM			7 MOD, 4 ROW PRESS-FIT	
					0° ±2°		scale			1:1	
				dr	T.BRUNGARD	11/19/99			product family		METRAL
				enrg	M.STRAWSE	11/19/99			size		dwg no
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sheet index		revision sheet									

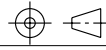


METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7											
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70454-X304 AND 70454-X304LF	D	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
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	B	3	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
	A	3	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7												
		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	
70454-X305 AND 70454-X305LF	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
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7												
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70454-X306 AND 70454-X306LF	D	19	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	C	19	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	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	3	3	3	-	19	19	19	-	3	3	3	-	3	3	-	3	3	-	19	19	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6					MOD. 7												
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70454-X307 AND 70454-X307LF	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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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		projection		COPY	title METRAL SIGNAL HEADER 7 MOD, 4 ROW PRESS-FIT			
P					0.XX ±0.13								
					.XXX ±.051								
					0° ±2°								
				angles									
				dr	T.BRUNGARD	11/19/99		scale	MM	product family		METRAL	code
				enr	M.STRAWSE	11/19/99				size	dwg no	213	
				chr	M.STRAWSE	11/19/99				A	70454	sheet	
				appd	M.STRAWSE	02/29/00						5	
sheet index		revision sheet											

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