

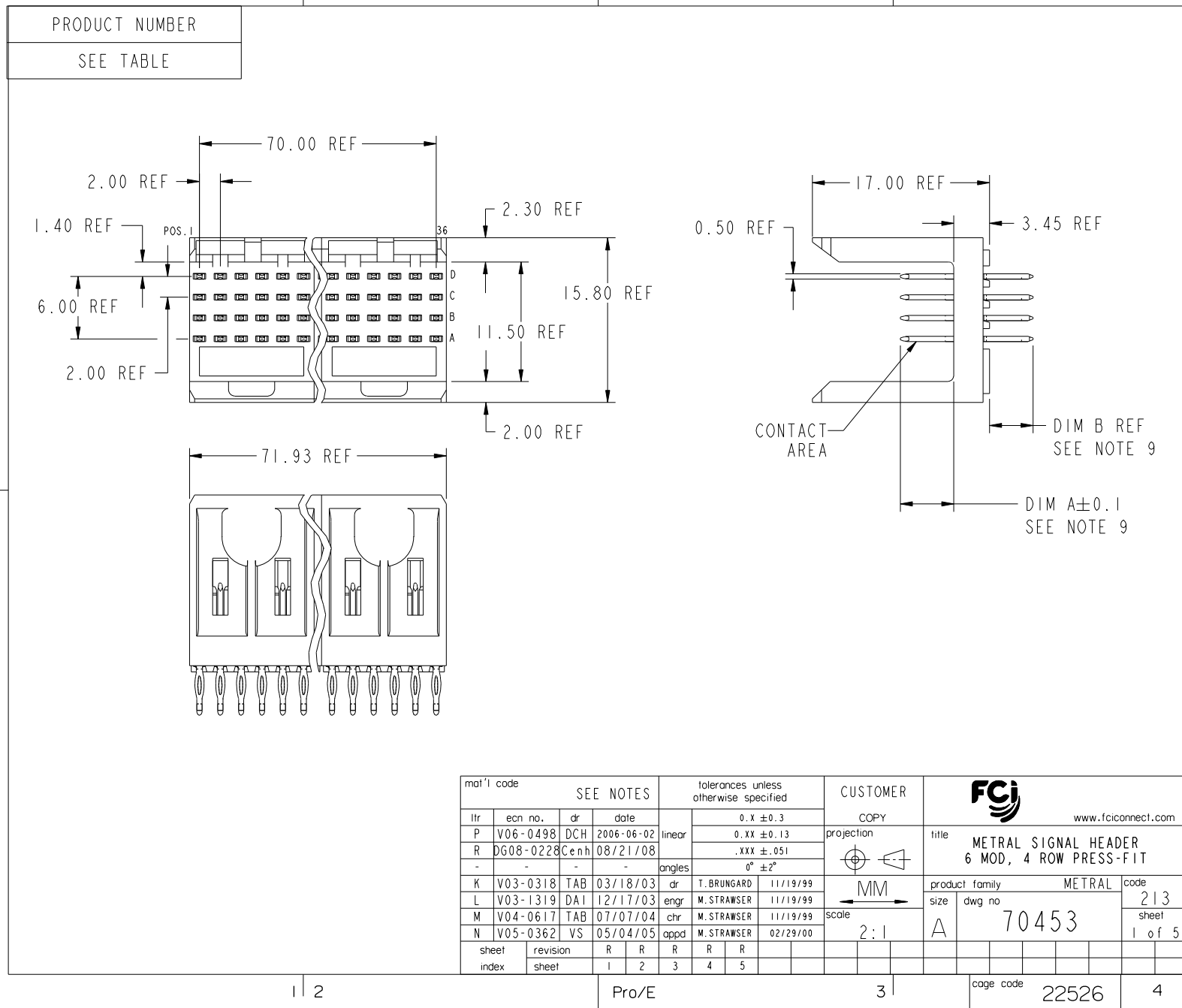


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REV E - 2006-04-18

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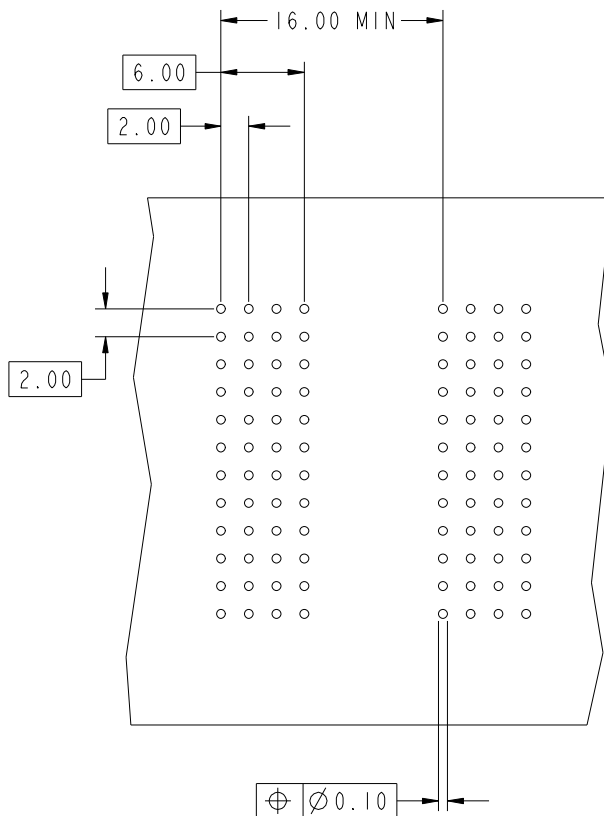
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REV E - 2006-04-18



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
19	8.00	4.30

mat'l code				tolerances unless otherwise specified		CUSTOMER	FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	www.fciconnect.com	
R					0.XX ±0.13	projection	title METRAL SIGNAL HEADER	
					.XXX ±.051		6 MOD, 4 ROW PRESS-FIT	
				angles	0° ±2°		product family METRAL	
				dr	T.BRUNGARD 11/19/99	scale 1:1	size	code 213
				enr	M.STRAWER 11/19/99		dwg no	sheet
				chr	M.STRAWER 11/19/99		70453	2
				appd	M.STRAWER 02/29/00			
sheet index	revision sheet							

cage code 22526

Pro/E

PDM: Rev:R

STATUS:Released

Printed: Aug 26, 2008



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

A

B

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70453-NIYYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
70453-N5YYY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
70453-1YYY	STANDARD	TIN LEAD	TELCORDIA CO
70453-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
70453-3YYY	STANDARD	TIN LEAD	IEC CLASS I
70453-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
70453-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
70453-NIYYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
70453-N5YYYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
70453-1YYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
70453-2YYYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
70453-5YYYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

NOTES:

- FOR DIM A AND B SEE DWG. NO. 70451 SHTS 2 THRU 8  
FOR DASH NUMBERS X010 THROUGH X099.  
FOR DASH NOS. X300 AND UP, SEE SHT 3 FOR SELECT  
LOAD NUMBERS.
- 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 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 70453-N1--- OR 70453-N5--- WILL WITHSTAND  
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A  
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART  
NUMBERS 70453-N1--- AND 70453-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 METRAL SIGNAL HEADER 6 MOD, 4 ROW PRESS-FIT			
R					0. XX ±0.13		projection						
					. XXX ±.051								
				angles	0° ±2°								
		dr	T.BRUNGARD	11/19/99			MIM		product family		METRAL		code
		enrg	M. STRAWER	11/19/99					size		dwg no		213
		chr	M. STRAWER	11/19/99			scale		A		70453		sheet
		appd	M. STRAWER	02/29/00			1:1						3
sheet index	revision sheet												

A

B

1 | 2

3 |

4

1 | 2

Pro/E

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
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70453-X300 AND 70453-X300LF	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	3	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										
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70453-X301 AND 70453-X301LF	D	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	2	-	-	-
	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	A	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									
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6											
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70453-X303 AND 70453-X303LF	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	-	19	19	
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6									
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70453-X304 AND 70453-X304LF	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
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	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	3	3	3	3	3	3	3	3	3	3

mat'l code				- -		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
litr	ecn no.	dr	date	linear		0.X ±0.3		COPY				title METRAL SIGNAL HEADER 6 MOD, 4 ROW PRESS-FIT	
R						0.XX ±0.13		projection					
						.XXX ±.051							
						0° ±2°							
				angles		0° ±2°							
				dr		T.BRUNGARD 11/19/99						product family	
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				chr		M.STRAWSE 11/19/99						size	
				appd		M.STRAWSE 02/29/00						dwg no	
sheet		revision										70453	
index		sheet										213	
												sheet	
												4	

cage code 22526

Pro/E

PDM: Rev:R

STATUS:Released





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70453-X305 AND 70453-X305LF	D	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
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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 6 MOD, 4 ROW PRESS-FIT			
R					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.STRAWSER 11/19/99		scale			size dwg no		213 sheet	
				appd	M.STRAWSER 02/29/00		1:1						
sheet index		revision sheet											

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