

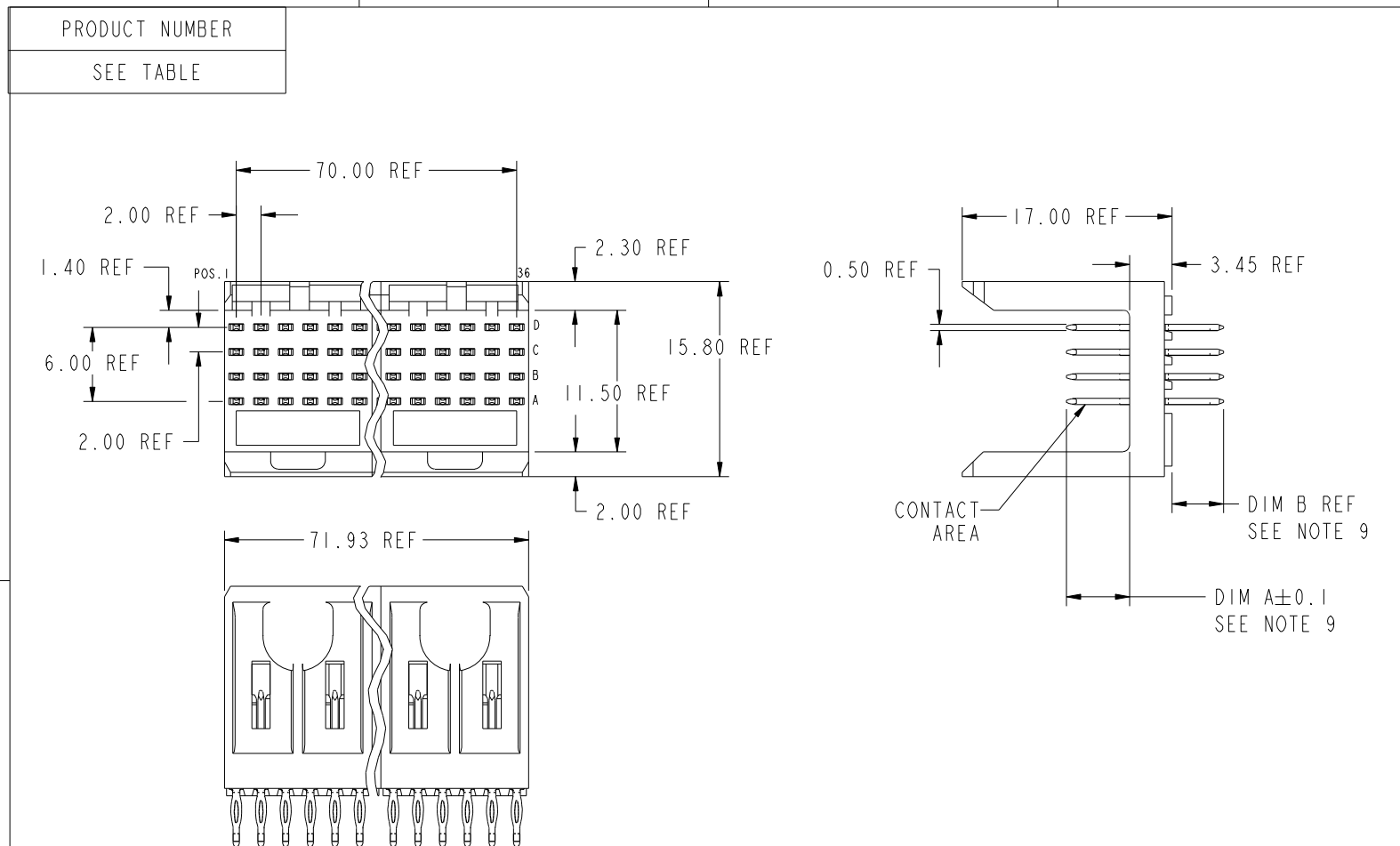


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REV E - 2006-04-18

A

B



A

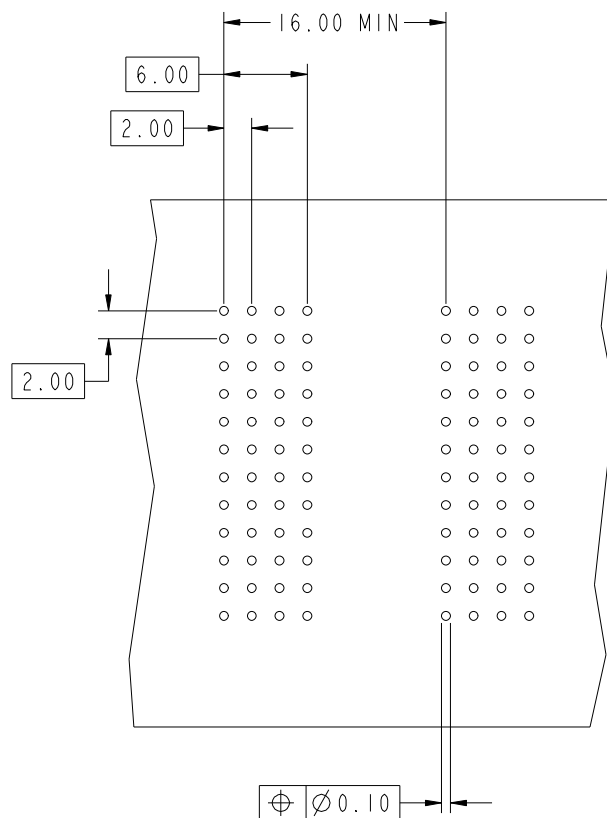
B

mat'l code				SEE NOTES				tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	0.X ± 0.3	projection	0.XX ± 0.13	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	projection	0° $\pm 2^\circ$	product family	METRAL	code	213
P	V06-0498	DCH	2006-06-02	linear	0.XX ± 0.13	projection	0.XX ± 0.13	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	projection	0° $\pm 2^\circ$	product family	METRAL	code	213
R	DG08-0228	Cenh	08/21/08	linear	0.XX ± 0.13	projection	0.XX ± 0.13	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	projection	0° $\pm 2^\circ$	product family	METRAL	code	213
-	-	-	-	linear	0.XX ± 0.13	projection	0.XX ± 0.13	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	0° $\pm 2^\circ$	projection	0° $\pm 2^\circ$	product family	METRAL	code	213
K	V03-0318	TAB	03/18/03	dr	T.BRUNGARD	11/19/99	dr	T.BRUNGARD	11/19/99	dr	T.BRUNGARD	11/19/99	dr	T.BRUNGARD	11/19/99	dr	T.BRUNGARD
L	V03-1319	DAI	12/17/03	enr	M.STRAWER	11/19/99	enr	M.STRAWER	11/19/99	enr	M.STRAWER	11/19/99	enr	M.STRAWER	11/19/99	enr	M.STRAWER
M	V04-0617	TAB	07/07/04	chr	M.STRAWER	11/19/99	chr	M.STRAWER	11/19/99	chr	M.STRAWER	11/19/99	chr	M.STRAWER	11/19/99	chr	M.STRAWER
N	V05-0362	VS	05/04/05	appd	M.STRAWER	02/29/00	appd	M.STRAWER	02/29/00	appd	M.STRAWER	02/29/00	appd	M.STRAWER	02/29/00	appd	M.STRAWER
sheet	revision	R	R	R	R	R	sheet	revision	R	R	R	sheet	revision	R	R	R	sheet
index	sheet	1	2	3	4	5	index	sheet	1	2	3	index	sheet	1	2	3	index
Pro/E				3				cage code				22526				4	



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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
19	8.00	4.30

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



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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°					product family METRAL							
				dr	T. BRUNGARD 11/19/99		MM							size		dwg no	
				enrg	M. STRAWSER 11/19/99		← →							213		sheet	
				chr	M. STRAWSER 11/19/99		scale		A	70453							
				appd	M. STRAWSER 02/29/00		1 : 1							9		sheet	
sheet index		revision sheet															

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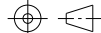
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6									
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
70453-X300 AND 70453-X300LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1
	C	1	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	3	1	1	1
	B	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
	A	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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6										
		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
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									
		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
70453-X302 AND 70453-X302LF	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
	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
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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
	C	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	-	-	-	-	-	-	-	-	
	B	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	-	-	-	-	-	-	19	19
	A	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	-	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6									
		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
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
	C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	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	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	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		dr		T.BRUNGARD		11/19/99		product family		METRAL		code																			
						enrg		M.STRAWER		11/19/99		size		dwg no		213																			
						chr		M.STRAWER		11/19/99		scale		70453		sheet																			
						appd		M.STRAWER		02/29/00		1:1		A		4																			
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Pro/E

PDM: Rev:R

STATUS: Released

Printed: May 16, 2009



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5					MOD. 6									
		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
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
	C	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	
	B	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	
	A	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	

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														
				angles	0° ±2°					product family METRAL			code 213						
				dr	T.BRUNGARD 11/19/99		scale												
				enrg	M.STRAWSER 11/19/99		1:1												
				chr	M.STRAWSER 11/19/99		A												
				appd	M.STRAWSER 02/29/00							size		dwg no 70453		sheet 5			
sheet index		revision sheet																	

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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.