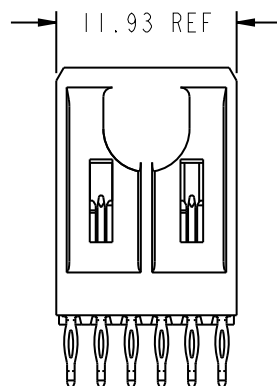
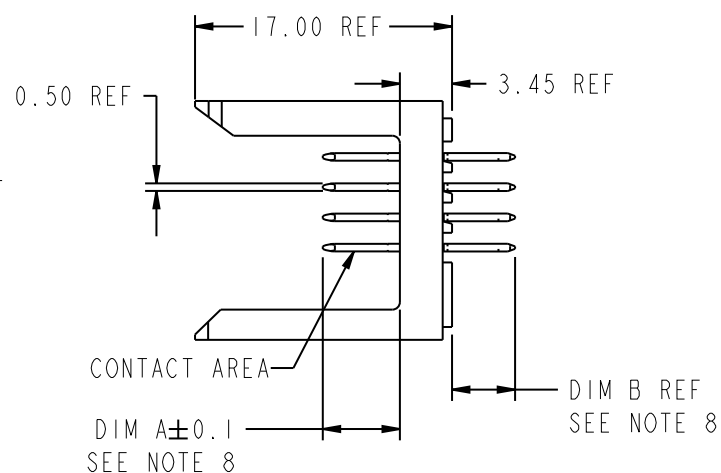
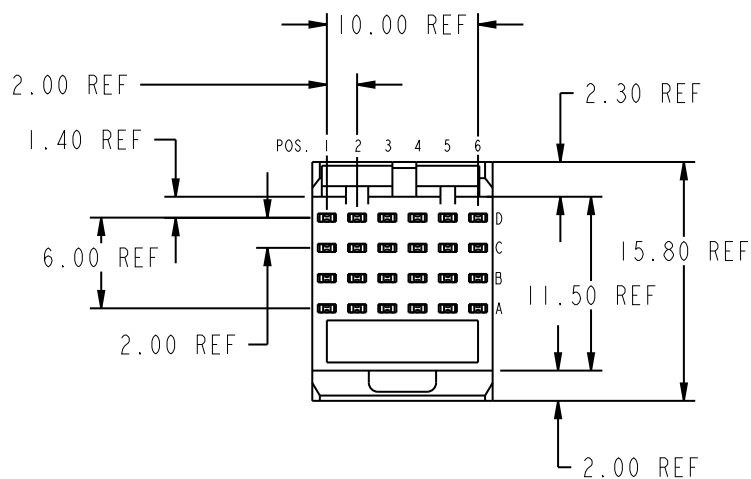




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PRODUCT NUMBER
SEE TABLE



mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3			COPY		www.fciconnect.com	
AH	V06-0569	DCH	2006-06-13		0.XX ± 0.13			projection		title	
AJ	DG09-0256	TER	2009-08-19		.XXX ± 0.051					METRAL SIGNAL HEADER	
-	-	-	-	angles	0° $\pm 2^\circ$					1 MOD, 4 ROW PRESS-FIT	
AD	V03-0025	JWS	02/06/03	dr	T.BRUNGARD	11/19/99	MM	product family		METRAL	
AE	V03-1321	DAI	01/15/04	enr	M.STRAWER	11/19/99		size		213	
AF	V04-0794	TAB	08/13/04	chr	M.STRAWER	11/19/99		dwg no		88921	
AG	V05-0368	DPU	06/01/05	appd	M.STRAWER	02/29/00		A		1 of 6	
sheet		revision	AJ	AJ	AJ	AJ	AJ	scale		2:1	
index		sheet	1	2	3	4	5	cage code		22526	

Pro/E

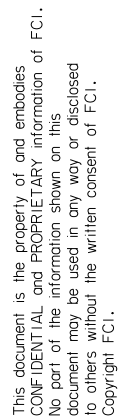
PDM: Rev:AJ

STATUS: Released

Printed: Sep 16, 2009



SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

3 |AB

4



- 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 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-XXXP OR XXXXX-XXXPLF
 - PRODUCT SPECIFICATION: GS-12-180
APPLICATION SPECIFICATION: BUS-20-073
 - AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
 - THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-12-008.
 - ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS
CONTAINING 88921-NI---OR 88921-N5---WILL WITHSTAND
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN. PART NUMBERS 88921-NI---AND 88921-N5---
WILL NOT WITHSTAND REFLOW AND THE A_u 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		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY			title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT
AJ					0.XX ±0.13	projection			
					.XXX ±.051				
				angles	0° ±2°				
				dr	T.BRUNGARD	11/19/99	product family METRAL		code
				enrg	x. xxxxxx	mm/dd/yy	size A		213
				chr	M.STRAWSER	11/19/99	dwg no 88921		sheet
				appd	M.STRAWSER	02/29/00	scale 1:1		3
sheet	revision								
index	sheet								

cage code 22526

Pro/E

PDM: Rev:AJ

STATUS:Released

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1		2		3		4																																	
METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I													
88921-X01 AND 88921-X01LF	D	-	2	-	2	-	2	88921-X06 AND 88921-X06LF	D	14	6	6	6	6	6	88921-X11 AND 88921-X11LF	D	13	16	16	16	16	13	88921-X16 AND 88921-X16LF	D	13	13	13	13	-	13	88921-X21 AND 88921-X21LF	D	4	4	4	19	19	19
	C	-	2	-	2	-	2		C	14	6	6	6	6	6		C	13	16	16	16	16	13		C	13	13	13	13	-	13		C	4	4	4	19	19	19
	B	-	2	-	2	-	2		B	14	6	6	6	6	6		B	13	16	16	16	16	13		B	13	13	13	13	-	13		B	4	4	4	19	19	19
	A	-	2	-	2	-	2		A	14	6	6	6	6	6		A	13	16	16	16	16	13		A	13	13	13	13	-	13		A	4	4	4	19	19	19
METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I													
88921-X02 AND 88921-X02LF	D	-	6	-	6	-	6	88921-X07 AND 88921-X07LF	D	15	10	10	10	10	10	88921-X12 AND 88921-X12LF	D	14	17	17	17	17	14	88921-X17 AND 88921-X17LF	D	25	25	25	25	25	25	88921-X22 AND 88921-X22LF	D	8	8	8	20	20	20
	C	-	6	-	6	-	6		C	15	10	10	10	10	10		C	14	17	17	17	17	14		C	25	25	25	25	25	25		C	8	8	8	20	20	20
	B	-	6	-	6	-	6		B	15	10	10	10	10	10		B	14	17	17	17	17	14		B	25	25	25	25	25	25		B	8	8	8	20	20	20
	A	-	6	-	6	-	6		A	15	10	10	10	10	10		A	14	17	17	17	17	14		A	25	25	25	25	25	25		A	8	8	8	20	20	20
METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I													
88921-X03 AND 88921-X03LF	D	3	3	3	3	3	3	88921-X08 AND 88921-X08LF	D	16	2	2	2	2	2	88921-X13 AND 88921-X13LF	D	15	18	18	18	18	15	88921-X18 AND 88921-X18LF	D	3	1	1	1	1	1	88921-X23 AND 88921-X23LF	D	4	1	1	1	1	1
	C	4	4	4	4	4	4		C	16	2	2	2	2	2		C	15	18	18	18	18	15		C	3	1	1	1	1	1		C	4	1	1	1	1	1
	B	4	4	4	4	4	4		B	16	2	2	2	2	2		B	15	18	18	18	18	15		B	3	1	1	1	1	1		B	4	1	1	1	1	1
	A	4	4	4	4	4	4		A	16	2	2	2	2	2		A	15	18	18	18	18	15		A	3	1	1	1	1	1		A	4	1	1	1	1	1
METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I													
88921-X04 AND 88921-X04LF	D	7	7	7	7	7	7	88921-X09 AND 88921-X09LF	D	17	6	6	6	6	6	88921-X14 AND 88921-X14LF	D	2	2	2	3	2	2	88921-X19 AND 88921-X19LF	D	2	2	2	2	2	2	88921-X24 AND 88921-X24LF	D	22	22	22	22	22	22
	C	8	8	8	8	8	8		C	17	6	6	6	6	6		C	2	2	2	3	2	2		C	4	2	4	2	4	2		C	44	44	44	44	44	44
	B	8	8	8	8	8	8		B	17	6	6	6	6	6		B	2	1	2	3	2	2		B	2	4	2	4	2	4		B	44	44	44	44	44	44
	A	8	8	8	8	8	8		A	17	6	6	6	6	6		A	2	2	2	3	2	2		A	2	2	2	2	2	2		A	45	45	45	45	45	45
METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I						METRAL P/N	ROW	CONTACT CODE MOD. I													
88921-X05 AND 88921-X05LF	D	13	2	2	2	2	2	88921-X10 AND 88921-X10LF	D	18	10	10	10	10	10	88921-X15 AND 88921-X15LF	D	4	4	4	4	4	2	88921-X20 AND 88921-X20LF	D	19	3	3	3	3	19	88921-X25 AND 88921-X25LF	D	3	3	3	3	3	-
	C	13	2	2	2	2	2		C	18	10	10	10	10	10		C	3	3	3	3	3	3		C	19	3	3	3	3	19		C	3	3	3	3	3	-
	B	13	2	2	2	2	2		B	18	10	10	10	10	10		B	3	3	3	3	3	3		B	19	3	3	3	3	19		B	3	3	3	3	3	-
	A	13	2	2	2	2	2		A	18	10	10	10	10	10		A	3	3	3	3	3	3		A	19	3	3	3	3	19		A	-	-	3	3	3	-

mat'l code

tolerances unless otherwise specified

linear

angles

dr

engr

chr

appd

customer

copy

projection

scale

FCJ

www.fcconnect.com

title

product family

size

dwg no

code

213

sheet

4

sheet index

revision sheet

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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
AJ				linear	0.XX ±0.13	projection		title	
				angles	.XXX ±.051			METRAL SIGNAL HEADER	
				dr	T.BRUNGARD 11/19/99			1 MOD, 4 ROW PRESS-FIT	
				enrg	M.STRAWSE 11/19/99	product family		METRAL	
				chr	M.STRAWSE 11/19/99	size		dwg no	
				appd	M.STRAWSE 02/29/00	A		88921	
sheet index	revision	sheet				scale		213	
						1:1		sheet	
								4	
						cage code		22526	
								4	



METRAL P/N		CONTACT CODE MOD. I					
ROW	I	2	3	4	5	6	
D	19	-	4	-	3	-	
C	19	-	4	-	-	19	
B	-	19	-	4	-	19	
A	-	19	-	4	-	19	

METRAL P/N		CONTACT CODE MOD. I					
ROW	I	2	3	4	5	6	
D	3	3	3	3	3	1	
C	3	3	3	3	3	19	
B	3	3	3	3	3	3	
A	3	3	3	3	19	19	

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

METRAL P/N		CONTACT CODE MOD. I					
ROW	I	2	3	4	5	6	
D	-	62	-	62	-	62	
C	62	-	62	-	62	-	
B	-	62	-	62	-	62	
A	62	-	62	-	62	-	

METRAL P/N		CONTACT CODE MOD. I					
ROW	I	2	3	4	5	6	
D	-	8	-	8	-	8	
C	8	-	8	-	8	-	
B	-	8	-	8	-	8	
A	8	-	8	-	8	-	

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ	
Itr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
AJ				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL SIGNAL HEADER	
					0° ±2°			1 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99	product family		METRAL	
				enrg	M.STRAWSE 11/19/99	size		dwg no	
				chr	M.STRAWSE 11/19/99	A		88921	
				appd	M.STRAWSE 02/29/00	sheet		213	
sheet index	revision	sheet				cage code		22526	



METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X51 AND 88921-X51LF	D	-	42	-	42	-	42
	C	42	-	42	-	42	-
	B	-	42	-	42	-	42
	A	42	-	42	-	42	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X56 AND 88921-X56LF	D	-	12	-	12	-	12
	C	12	-	12	-	12	-
	B	-	12	-	12	-	12
	A	12	-	12	-	12	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X61 AND 88921-X61LF	D	7	6	6	5	6	6
	C	7	6	5	5	7	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X52 AND 88921-X52LF	D	-	43	-	43	-	43
	C	43	-	43	-	43	-
	B	-	43	-	43	-	43
	A	43	-	43	-	43	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X57 AND 88921-X57LF	D	-	21	-	21	-	21
	C	21	-	21	-	21	-
	B	-	21	-	21	-	21
	A	21	-	21	-	21	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X62 AND 88921-X62LF	D	19	-	4	-	3	19
	C	19	-	4	-	-	19
	B	-	19	-	4	-	19
	A	-	19	-	4	-	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X53 AND 88921-X53LF	D	-	9	-	9	-	9
	C	9	-	9	-	9	-
	B	-	9	-	9	-	9
	A	9	-	9	-	9	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X58 AND 88921-X58LF	D	20	6	7	7	7	7
	C	20	7	7	7	7	7
	B	20	7	7	7	7	7
	A	20	7	5	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X54 AND 88921-X54LF	D	-	10	-	10	-	10
	C	10	-	10	-	10	-
	B	-	10	-	10	-	10
	A	10	-	10	-	10	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X59 AND 88921-X59LF	D	1	1	2	1	1	1
	C	1	1	2	1	1	1
	B	1	1	2	1	1	1
	A	1	1	2	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X55 AND 88921-X55LF	D	-	11	-	11	-	11
	C	11	-	11	-	11	-
	B	-	11	-	11	-	11
	A	11	-	11	-	11	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X60 AND 88921-X60LF	D	2	2	2	3	2	3
	C	2	2	2	3	2	3
	B	2	2	2	3	2	3
	A	2	2	2	3	2	3

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
lfr	ecn no.	dr	date	linear	0.X ± 0.3	COPY		title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT		
AJ					0.XX ± 0.13	projection				
					.XXX $\pm .051$					
				angles	0° $\pm 2^\circ$					
				dr	T.BRUNGARD	11/19/99	MM		product family METRAL code	
				engr	M.STRAWSE	11/19/99			size	
				chr	M.STRAWSE	11/19/99	scale		A	
				appd	M.STRAWSE	02/29/00	1:1		88921	
sheet	revision								213	
index	sheet								6	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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