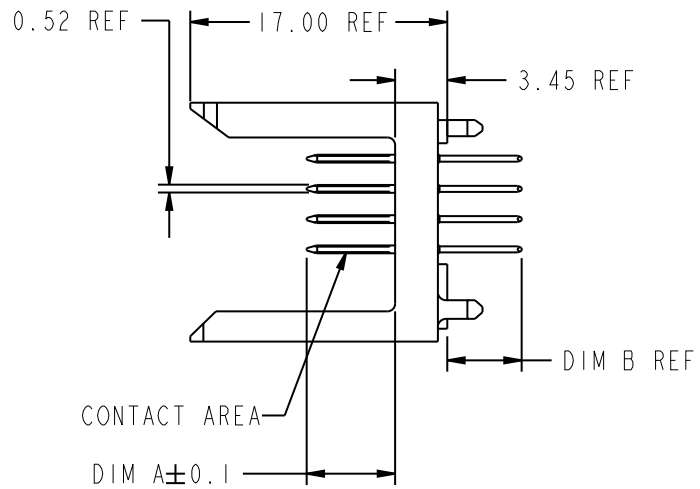
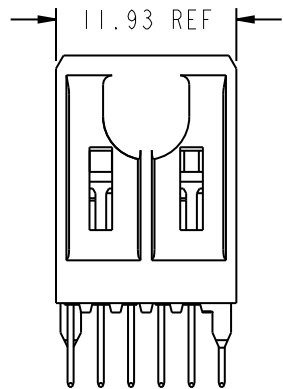
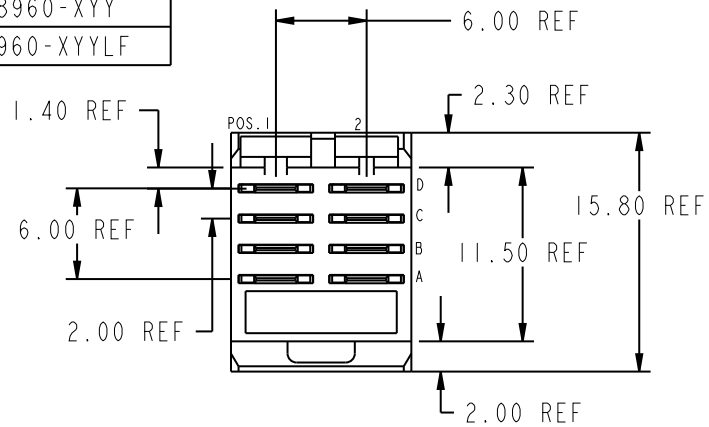


PRODUCT NUMBER
88960-XYX
88960-XYXLF



PLATING IN CONTACT AREA

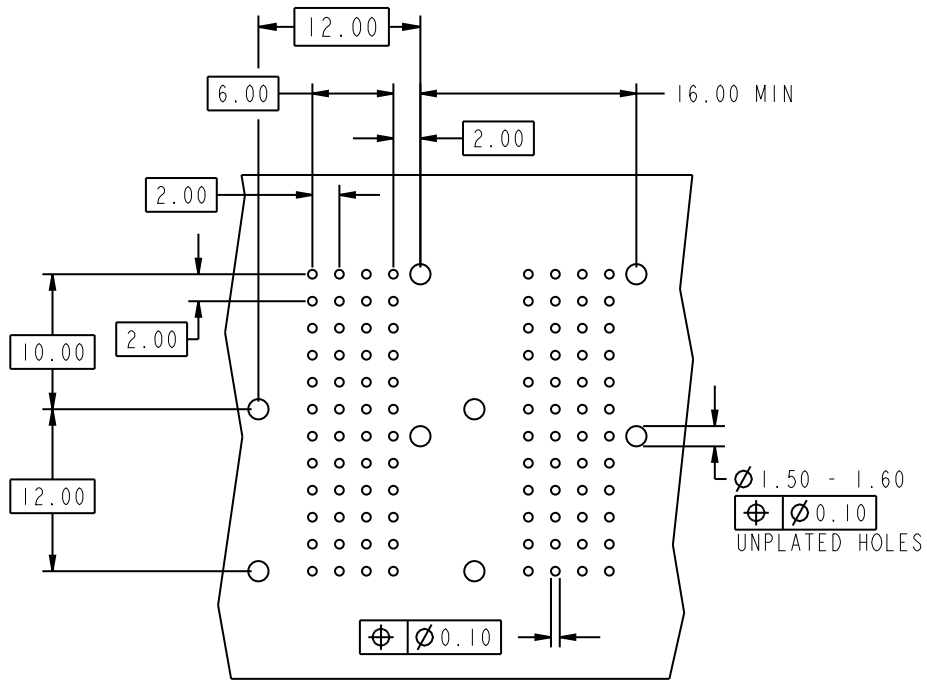
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ		www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3			COPY		projection	title			
T	V06-0573	DCH	2006-06-14		0.XX ±0.13			METRAL POWER HEADER						
U	DG09-0256	TER	2009-08-19		.XXX ±.051			I MOD, 4 ROW STB						
-	-	-	-	angles	0° ±2°			MM		product family		METRAL		
N	V21670	TAB	10/18/02	dr	T.BRUNGARD	11/19/99	scale		size		dwg no		213	
P	V04-0196	HTB	02/26/04	engr	M.STRAWSER	11/19/99	2:1		A		88960		sheet	
R	V04-0908	HTB	09/08/04	chr	M.STRAWSER	11/19/99							1 of 5	
S	V05-0395	DAI	04/26/05	appd	M.STRAWSER	02/29/00								
sheet index	revision	U	U	U	U	U								
	sheet	1	2	3	4	5								

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.



This document is the property of and embodies  
 CONFIDENTIAL and PROPRIETARY information of FCI.  
 No part of the information shown on this  
 document may be used in any way or disclosed  
 to others without the written consent of FCI.  
 Copyright FCI.



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

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	6.50	4.25
2	7.25	4.25
3	8.00	4.25
4	5.00	4.25
5	5.75	4.25
6	6.50	2.65
7	7.25	2.65
8	8.00	2.65
11	5.00	3.30
12	5.75	3.30
13	6.50	3.30
14	7.25	3.30
15	8.00	3.30

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

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.



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		METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2			1	2			1	2			1	2			1	2
88960-X01 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X06 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X11 SEE NOTE 9 LEAD FREE OPTION	D	P04	P04	88960-X26 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X35 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13
	C	P01	P01		C	P01	P01		C	P04	P04		C	P01	P01		C	P13	P13
	B	P01	P01		B	P01	P01		B	P04	P04		B	P01	P01		B	P14	P14
	A	P01	P01		A	P03	P03		A	P01	P01		A	P02	P02		A	P15	P15
88960-X02 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X07 SEE NOTE 9 LEAD FREE OPTION	D	P02	P02	88960-X12 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X31 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13	88960-X36 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13
	C	P02	P02		C	P03	P03		C	P05	P05		C	P13	P13		C	P13	P13
	B	P03	P03		B	P03	P03		B	P05	P05		B	P13	P13		B	P13	P13
	A	P03	P03		A	P03	P03		A	P01	P01		A	P13	P13		A	P15	P15
88960-X03 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X08 SEE NOTE 9 LEAD FREE OPTION	D	P03	P03	88960-X13 SEE NOTE 9 LEAD FREE OPTION	D	P05	P05	88960-X32 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13	88960-X37 SEE NOTE 9 LEAD FREE OPTION	D	P14	P14
	C	P01	P01		C	P03	P03		C	P05	P05		C	P14	P14		C	P15	P15
	B	P03	P03		B	P03	P03		B	P02	P02		B	P15	P15		B	P15	P15
	A	P01	P01		A	P03	P03		A	P05	P05		A	P15	P15		A	P15	P15
88960-X04 SEE NOTE 9 LEAD FREE OPTION	D	P03	P03	88960-X09 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X14 SEE NOTE 9 LEAD FREE OPTION	D	P05	P05	88960-X33 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13	88960-X38 SEE NOTE 9 LEAD FREE OPTION	D	P15	P15
	C	P02	P02		C	P03	P03		C	P05	P05		C	P13	P13		C	P15	P15
	B	P02	P02		B	P01	P01		B	P05	P05		B	P15	P15		B	P15	P15
	A	P01	P01		A	P03	P03		A	P05	P05		A	P13	P13		A	P15	P15
88960-X05 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01	88960-X10 SEE NOTE 9 LEAD FREE OPTION	D	P04	P04	88960-X15 SEE NOTE 9 LEAD FREE OPTION	D	P02	P02	88960-X34 SEE NOTE 9 LEAD FREE OPTION	D	P15	P15	88960-X39 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13
	C	P01	P01		C	P04	P04		C	P02	P02		C	P14	P14		C	P15	P15
	B	P02	P02		B	P04	P04		B	P02	P02		B	P14	P14		B	P13	P13
	A	P03	P03		A	P04	P04		A	P02	P02		A	P13	P13		A	P15	P15

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com	
U					0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL POWER HEADER I MOD, 4 ROW STB	
				angles	0° ±2°			product family	
		dr	T.BRUNGARD	11/19/99	MM		METRAL		code
		enr	M.STRAWSER	11/19/99			size		213
		chr	M.STRAWSER	11/19/99	scale		dwg no		sheet
		appd	M.STRAWSER	02/29/00	2:1		A 88960		3
sheet	revision								
index	sheet								

This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.



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	
		1	2			1	2			1	2			1	2
88960-X40 SEE NOTE 9 LEAD FREE OPTION	D	P11	P11	88960-X45 SEE NOTE 9 LEAD FREE OPTION	D	P12	P12	88960-X64 SEE NOTE 9 LEAD FREE OPTION	D	P08	P08	88960-X69 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P11	P11		C	P12	P12		C	P07	P07		C	P08	P08
	B	P11	P11		B	P14	P14		B	P07	P07		B	P06	P06
	A	P11	P11		A	P12	P12		A	P06	P06		A	P08	P08
88960-X41 SEE NOTE 9 LEAD FREE OPTION	D	P11	P11	88960-X56 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13	88960-X65 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06	88960-X86 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P11	P11		C	P13	P13		C	P06	P06		C	P06	P06
	B	P11	P11		B	P13	P13		B	P07	P07		B	P06	P06
	A	P13	P13		A	P14	P14		A	P08	P08		A	P07	P07
88960-X42 SEE NOTE 9 LEAD FREE OPTION	D	P12	P12	88960-X61 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06	88960-X66 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06	88960-X87 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01
	C	P12	P12		C	P06	P06		C	P06	P06		C	P01	P01
	B	P12	P12		B	P06	P06		B	P06	P06		B	P03	P03
	A	P12	P12		A	P06	P06		A	P08	P08		A	P02	P02
88960-X43 SEE NOTE 9 LEAD FREE OPTION	D	P14	P14	88960-X62 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06	88960-X67 SEE NOTE 9 LEAD FREE OPTION	D	P07	P07	88960-X88 SEE NOTE 9 LEAD FREE OPTION	D	P03	P03
	C	P14	P14		C	P07	P07		C	P08	P08		C	P03	P03
	B	P14	P14		B	P08	P08		B	P08	P08		B	P02	P02
	A	P14	P14		A	P08	P08		A	P08	P08		A	P02	P02
88960-X44 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13	88960-X63 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06	88960-X68 SEE NOTE 9 LEAD FREE OPTION	D	P08	P08				
	C	P12	P12		C	P06	P06		C	P08	P08				
	B	P12	P12		B	P08	P08		B	P08	P08				
	A	P13	P13		A	P06	P06		A	P08	P08				

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fcjconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		 projection	title METRAL POWER HEADER I MOD, 4 ROW STB
U					0.XX ±0.13	MM			
					.XXX ±.051	 scale 2:1			
				angles	0° ±2°				
				dr	T.BRUNGARD	11/19/99	product family		METRAL
				enr	M.STRAWSER	11/19/99	size	dwg no	213
				chr	M.STRAWSER	11/19/99	A	88960	sheet
				appd	M.STRAWSER	02/29/00			4
sheet	revision								
index	sheet								

PRODUCT NUMBER
88960-XYX
88960-XYLX

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:  
88960 -XYX IS SnPb  
88960-XYLX IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
- 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-XXPLF
- PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 88960-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

A


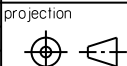



A



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.

B

B

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 <a href="http://www.fcjconnect.com">www.fcjconnect.com</a>	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY			title METRAL POWER HEADER 1 MOD, 4 ROW STB
U					0.XX ±0.13	projection			
					.XXX ±.051				
				angles	0° ±2°			product family METRAL code 213	
		dr	T.BRUNGARD	11/19/99			size	dwg no	sheet
		enrg	M.STRAWSER	11/19/99	scale 1:1		A	88960	5
		chr	M.STRAWSER	11/19/99					
		appd	M.STRAWSER	02/29/00					
sheet index	revision sheet								



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.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- 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

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

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