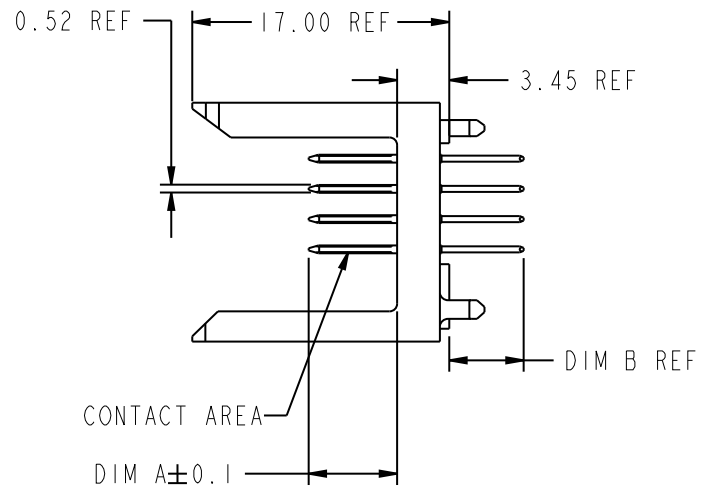
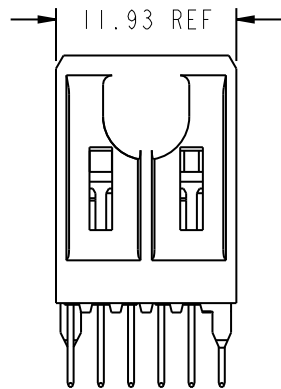
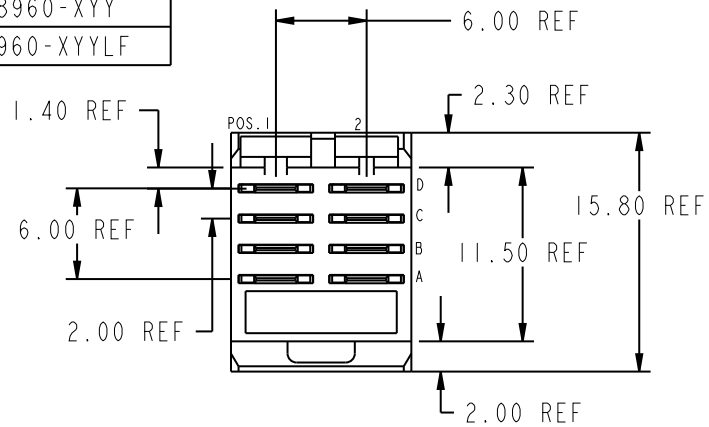


PRODUCT NUMBER
88960-XY
88960-XYLF



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

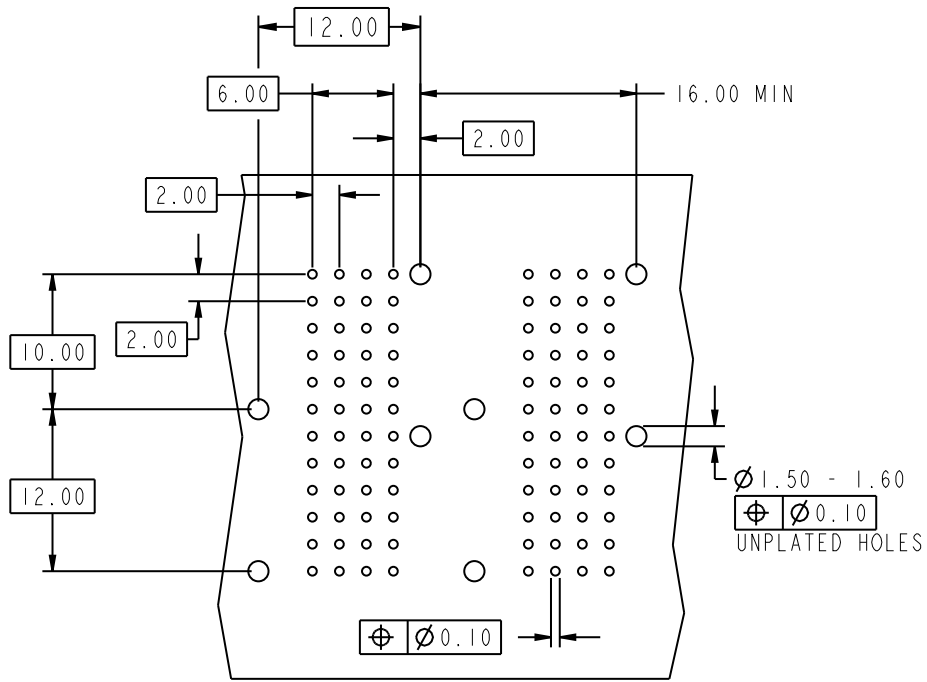
mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ		www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3			COPY		projection	title			
T	V06-0573	DCH	2006-06-14		0.XX ±0.13			METRAL POWER HEADER			I MOD, 4 ROW STB			
U	DG09-0256	TER	2009-08-19		.XXX ±.051			MM			product family METRAL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

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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		FCI		www.fciconnect.com	
ltr	ecm 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		code
				dr	T.BRUNGARD	11/19/99	MM		METRAL		213
				engr	M.STRAWSER	11/19/99	2:1		size		sheet
				chr	M.STRAWSER	11/19/99	A		88960		2
				appd	M.STRAWSER	02/29/00					
sheet index	revision sheet										

cage code 22526

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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				angles	0.XX ±0.13	projection		title	
					.XXX ±.051			METRAL POWER HEADER I MOD, 4 ROW STB	
				dr	0° ±2°			product family	
				enrg	T.BRUNGARD 11/19/99	MM		METRAL	
				chr	M.STRAWSER 11/19/99			code	
				appd	M.STRAWSER 02/29/00	2:1		213	
sheet	revision					A		sheet	
index	sheet							3	
								cage code	
								22526	

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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				product family METRAL code 213
					angles	.XXX ±.051	 scale 2:1			
				dr	0° ±2°					
				enr	T.BRUNGARD 11/19/99					
				chr	M.STRAWSER 11/19/99					
				appd	M.STRAWSER 02/29/00					
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-XXPLX
- 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



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B

B

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title		
U					0.XX ±0.13	MM			METRAL POWER HEADER		
					.XXX ±.051	1:1			1 MOD, 4 ROW STB		
				angles	0° ±2°	scale		product family		code	
		dr	T.BRUNGARD	11/19/99	A		METRAL		213		
		enr	M.STRAWSER	11/19/99	A		size		88960		sheet
		chr	M.STRAWSER	11/19/99	A		dwg no		5		
		appd	M.STRAWSER	02/29/00	A		cage code		22526		
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

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