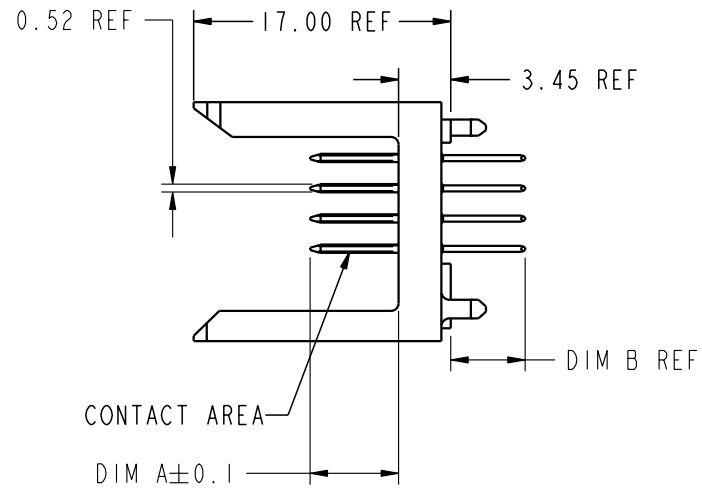
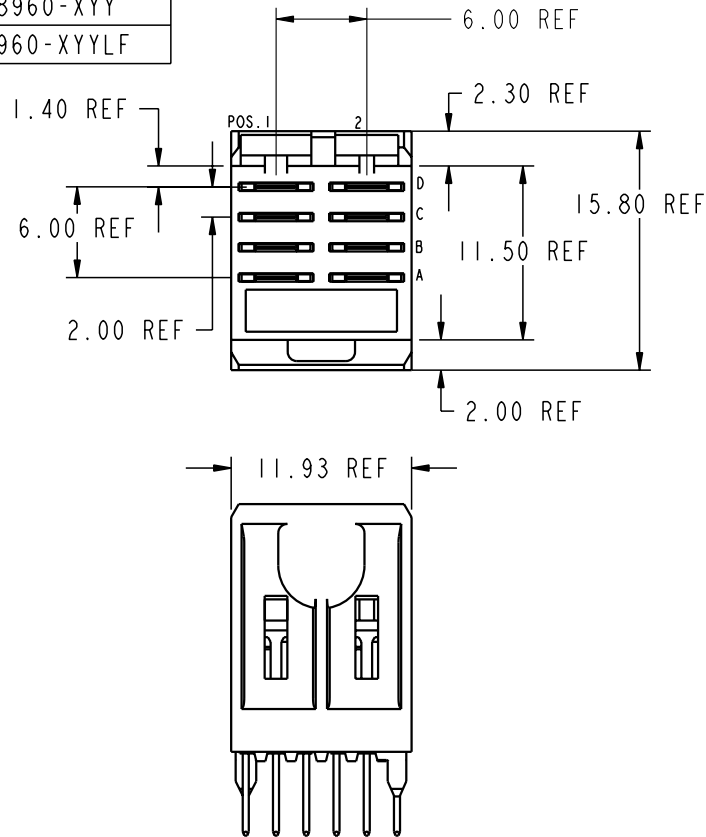


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FCI

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	-
-9YY	TELCORDIA CO	-
-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		FCI www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		title METRAL POWER HEADER I MOD, 4 ROW STB		
K	V10912	CGD	02/22/01		0.XX ±0.13		projection				
L	V10959	JWS	03/05/01		.XXX ±.051						
M	V12193	CGD	08/30/01	angles	0° ±2°				product family METRAL code 213		
N	V21670	TAB	10/18/02	dr	T.BRUNGARD	11/19/99	MM		size 88960		
P	V04-0196	HTB	02/26/04	engr	M.STRAWSER	11/19/99	← MM →		sheet 1 of 5		
R	V04-0908	HTB	09/08/04	chr	M.STRAWSER	11/19/99	scale 2:1		A		
S	V05-0395	DAI	04/26/05	appd	M.STRAWSER	02/29/00					
sheet	revision	S	S	S	S	S					
index	sheet	1	2	3	4	5					

Pro/E

cage code 22526

PDM: Rev:S

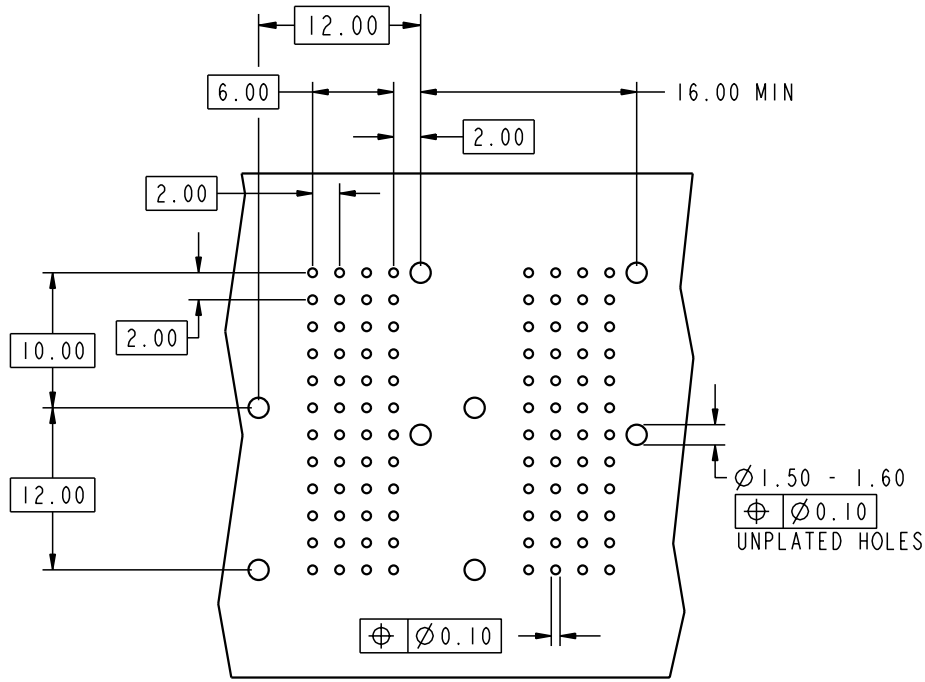
STATUS: Released

Printed: Feb 04, 2006

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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	ecn no.	dr	date	linear	0.X ±0.3		COPY		title METRAL POWER HEADER I MOD, 4 ROW STB		
S					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				product family METRAL code 213		
				dr	T.BRUNGARD	11/19/99	MM		size A		
				enr	M.STRAWSER	11/19/99			dwg no 88960		
				chr	M.STRAWSER	11/19/99	scale 2:1		sheet 2		
				appd	M.STRAWSER	02/29/00			sheet 2		
sheet index		revision sheet									

Pro/E

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-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			
	C	P01	P01		C	P01	P01		C	P01	P01		C	P01	P01			
	B	P01	P01		B	P01	P01		B	P04	P04		B	P01	P01	B	P01	P01
	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			
	C	P02	P02		C	P03	P03		C	P05	P05		C	P13	P13			
	B	P03	P03		B	P03	P03		B	P05	P05		B	P13	P13			
	A	P03	P03		A	P03	P03		A	P01	P01		A	P13	P13			
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			
	C	P01	P01		C	P03	P03		C	P05	P05		C	P14	P14			
	B	P03	P03		B	P03	P03		B	P02	P02		B	P15	P15			
	A	P01	P01		A	P03	P03		A	P05	P05		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			
	C	P02	P02		C	P03	P03		C	P05	P05		C	P13	P13			
	B	P02	P02		B	P01	P01		B	P05	P05		B	P15	P15			
	A	P01	P01		A	P03	P03		A	P05	P05		A	P13	P13			
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			
	C	P01	P01		C	P04	P04		C	P02	P02		C	P14	P14			
	B	P02	P02		B	P04	P04		B	P02	P02		B	P14	P14			
	A	P03	P03		A	P04	P04		A	P02	P02		A	P13	P13			


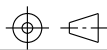
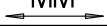
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mat'l code			--		tolerances unless otherwise specified		CUSTOMER		 FCI www.fciconnect.com	
ltr	ecn no.	dr	date		linear	0.X ±0.3	COPY			
S					linear	0.XX ±0.13	projection		title	
					angles	.xxx ±.051			METRAL POWER HEADER I MOD, 4 ROW STB	
					dr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

Pro/E

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code 22526

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METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X40 SEE NOTE 9 LEAD FREE OPTION	D	P11	P11
	C	P11	P11
	B	P11	P11
	A	P11	P11

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X41 SEE NOTE 9 LEAD FREE OPTION	D	P11	P11
	C	P11	P11
	B	P11	P11
	A	P13	P13

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X42 SEE NOTE 9 LEAD FREE OPTION	D	P12	P12
	C	P12	P12
	B	P12	P12
	A	P12	P12

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X43 SEE NOTE 9 LEAD FREE OPTION	D	P14	P14
	C	P14	P14
	B	P14	P14
	A	P14	P14

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X44 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13
	C	P12	P12
	B	P12	P12
	A	P13	P13

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X45 SEE NOTE 9 LEAD FREE OPTION	D	P12	P12
	C	P12	P12
	B	P14	P14
	A	P12	P12

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X56 SEE NOTE 9 LEAD FREE OPTION	D	P13	P13
	C	P13	P13
	B	P13	P13
	A	P14	P14

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X61 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P06	P06
	B	P06	P06
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X62 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P07	P07
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X63 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P06	P06
	B	P08	P08
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X64 SEE NOTE 9 LEAD FREE OPTION	D	P08	P08
	C	P07	P07
	B	P07	P07
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X65 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P06	P06
	B	P07	P07
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X66 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P06	P06
	B	P06	P06
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X67 SEE NOTE 9 LEAD FREE OPTION	D	P07	P07
	C	P08	P08
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X68 SEE NOTE 9 LEAD FREE OPTION	D	P08	P08
	C	P08	P08
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X69 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P08	P08
	B	P06	P06
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X86 SEE NOTE 9 LEAD FREE OPTION	D	P06	P06
	C	P06	P06
	B	P06	P06
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X87 SEE NOTE 9 LEAD FREE OPTION	D	P01	P01
	C	P01	P01
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
88960-X88 SEE NOTE 9 LEAD FREE OPTION	D	P03	P03
	C	P03	P03
	B	P02	P02
	A	P02	P02

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

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Pro/E

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PDM: Rev:S

STATUS: Released

Printed: Feb 04, 2006

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PRODUCT NUMBER
88960-XYX
88960-XYLFF

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
88960 -XYX IS SnPb
88960-XYLFF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
5. PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
6. 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-XXXPLF
7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
8. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 88960-X0ILF
10. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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

Pro/E

cage code 22526

PDM: Rev:S

STATUS: Released

Printed: Feb 04, 2006