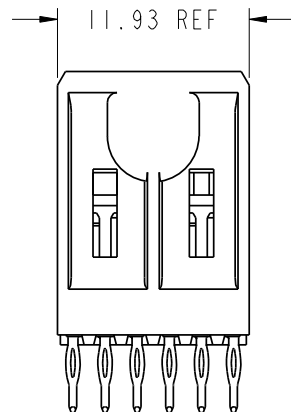
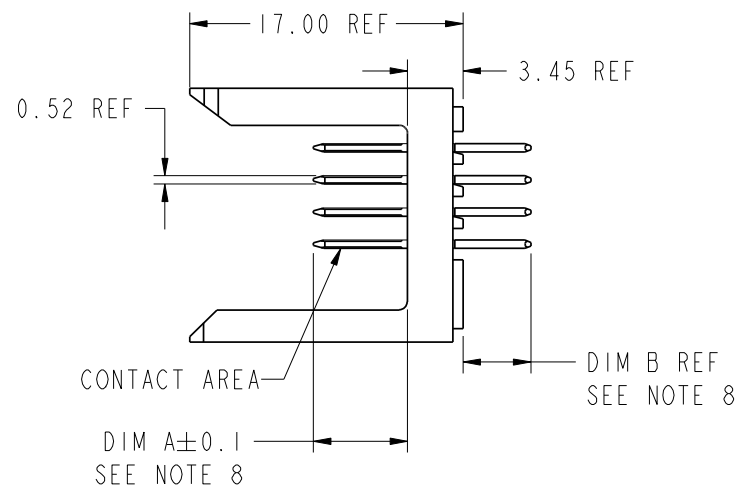
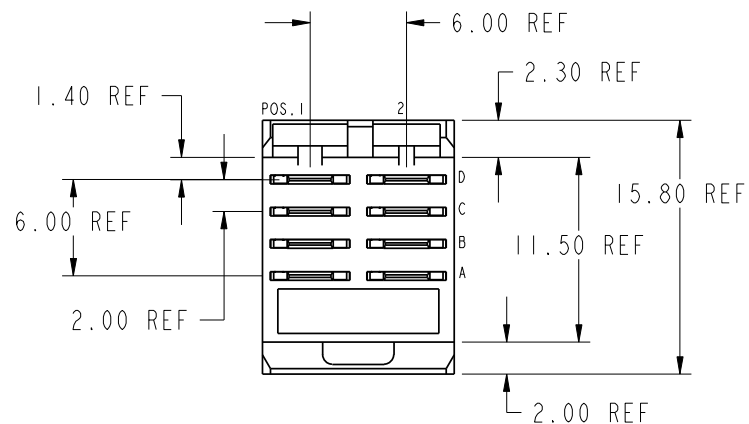


PRODUCT NUMBER

70236-XYX

70236-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 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

www.fciconnect.com

surface 3.200
ISO 1302tolerance std
ISO 406 ISO 1101
TOLERANCES UNLESS OTHERWISE SPECIFIEDprojection
size A4mm
Scale 11:10

Dr T.BRUNGARD 11/19/99

Eng M.STRAWSER 11/19/99

Chr M.STRAWSER 11/19/99

Appr M.STRAWSER 02/29/00

ANGULAR

LINEAR

0° ±2°

Product family

0.X ±0.3

0.XX ±0.13

0.XXX ±0.051

METRAL

ECN

Spec ref

*



METRAL POWER HEADER

1 MOD, 4 ROW PRESS-FIT

catalog no

dwg no

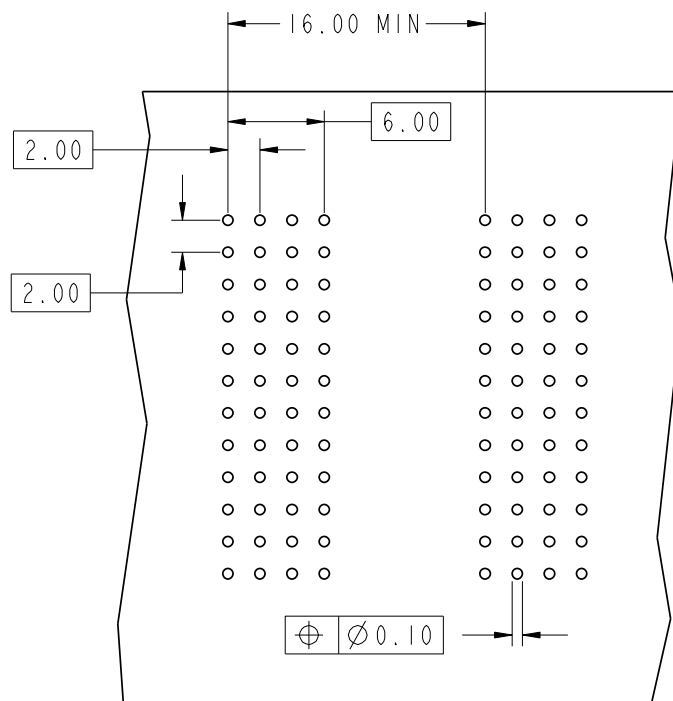
70236

CUSTOMER

sheet 1 of 6

Rev.

AH



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

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
P01	6.50	4.30
P02	7.25	4.30
P03	8.00	4.30
P04	6.50	13.60
P05	7.25	13.60
P06	8.00	13.60
P07	6.50	17.00
P08	7.25	17.00
P09	8.00	17.00
P16	5.00	4.30
P17	5.75	4.30

www.fciconnect.com			surface 3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 			
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	T.BRUNGARD	11/19/99	ANGULAR		LINEAR		0.X	±0.3	size A4	Scale 21:10		
Eng	M.STRAWSER	11/19/99					0.XX	±0.13				
Chr	M.STRAWSER	11/19/99					0.XXX	±0.051				
							ECN		*			
Appr	M.STRAWSER	02/29/00	Product family				METRAL		Spec ref *			
			title METRAL POWER HEADER				dwg no 70236		Rev. AH			
			1 MOD, 4 ROW PRESS-FIT									
			catalog no				-		CUSTOMER		sheet 2 of 6	



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REV F - 2006-04-17

www.fciconnect.com			surface 3.200		tolerance std		projection		mm 		
			ISO 1302		ISO 406	ISO 1101					
TOLERANCES UNLESS OTHERWISE SPECIFIED											
Dr	T.BRUNGARD	11/19/99	ANGULAR		LINEAR	0.X	±0.3	size	A4	Scale	
Eng	M.STRAWSER	11/19/99				0.XX	±0.13				
Chr	M.STRAWSER	11/19/99	0°	±2°		0.XXX	±0.051	ECN	*		
Appr	M.STRAWSER	02/29/00	Product family				METRAL	Spec ref		*	
			title				dwg no				Rev.
			METRAL POWER HEADER				70236				AH
			1 MOD, 4 ROW PRESS-FIT				CUSTOMER				sheet 3 of 6
catalog no			-								

PDM: Rev:AH

STATUS:Released 4 Printed: Jan 17, 2011



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REV F - 2006-04-17

www.fciconnect.com			surface 3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection mm	
TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	T.BRUNGARD	11/19/99	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 11:10
Eng	M.STRAWSER	11/19/99			0.XX	±0.13		
Chr	M.STRAWSER	11/19/99			0.XXX	±0.051		
Appr	M.STRAWSER	02/29/00	Product family		METRAL		Spec ref	
			title METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT			dwg no 70236		Rev. AH
catalog no			-			CUSTOMER		sheet 4 of 6

PDM: Rev:AH

STATUS:Released 4 Printed: Jan 17, 2011



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REV F - 2006-04-17

www.fciconnect.com			surface 3.200 ISO 1302		tolerance std ISO 406 ISO 1101		projection mm	
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	T.BRUNGARD	11/19/99	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 1:10
Eng	M.STRAWSER	11/19/99			0.XX	±0.13		
Chr	M.STRAWSER	11/19/99			0.XXX	±0.051		
Appr	M.STRAWSER	02/29/00	Product family		METRAL		Spec ref	
			title METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT			dwg no 70236		Rev. AH
catalog no			-			CUSTOMER		sheet 5 of 6

PDM: Rev:AH

STATUS:Released 4 Printed: Jan 17, 2011



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METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X97 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01
	C	P03	P03
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X98 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P03	P03
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X99 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03
	C	P16	P16
	B	P16	P16
	A	P16	P16

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X100 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03
	C	P16	P16
	B	P16	P16
	A	P03	P03



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:
70236 -XXX IS SnPb
70236-XXYLF 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-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT
AREA (LEAD FREE).
- 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: 70236-X0ILF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

www.fciconnect.com			surface 3.200		tolerance std		projection		mm 		
			ISO 1302		ISO 406	ISO 1101					
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	T.BRUNGARD	11/19/99	ANGULAR		LINEAR		0.X	±0.3	size A4	Scale 11:10	
Eng	M.STRAWSER	11/19/99					0.XX	±0.13			
Chr	M.STRAWSER	11/19/99	0°	±2°		0.XXX	±0.051	ECN		*	
Appr	M.STRAWSER	02/29/00	Product family				METRAL		Spec ref		*
			title METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT				dwg no 70236		Rev. AH		
			catalog no				-	CUSTOMER		sheet 6 of 6	