



PDM: Rev:AH STATUS: Released 4 Printed: Jan 17, 2011 Α

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Scale

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sheet 2 of 6

Rev

ΑH

ECN

70236

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			F	METRAL POWER HEALT IN MOD, 4 ROW PRESS-FIT	5 10230   411
D			Eng Chr	M.STRAWSER	1 tamily METRAL Spec ref *
_				ww.fciconnect.com ISO 1302 TOLERANCE	S UNLESS OTHERWISE SPECIFIED
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ght FCI	SEE NOTE	SEE NOTE	LEAD FREE	LEAD FREE OPTION	LEAD FREE
·	ROW   1   2	70236-X09 <b>D</b> P03 P03 <b>C</b> P03 P03	ROW   1   2	70236-X23 <b>D</b> P04 P04 SEE NOTE    <b>C</b> P04 P04	ROW   1   2
С	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I 2	METRAL CONTACT CODE MOD. I 2	METRAL CONTACT CODE MOD. 1 2
<b>)</b> ))'	SEE NOTE   I   LEAD FREE OPTION	SEE NOTE   II   C   P03   P03   P03   P04   P05   P0	SEE NOTE     C   P17   P17	C   P05   P05   P05	SEE NOTE     C   P04   P04
	P/N ROW I 2  70236-X03 D P01 P01	P/N ROW I 2 70236-X08 D P03 P03	P/N ROW I 2  70236-XI3 D PI7 PI7	P/N ROW I 2  70236-X22 D P04 P04  SEE NOTE	P/N ROW I 2  70236-X27 <b>D</b> P04 P04
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J	SEE NOTE	SEE NOTE     C	SEE NOTE   II   C	SEE NOTE     C   P04   P04	SEE NOTE       C
В	P/N ROW I 2  70236-X02 D P01 P01	P/N ROW I 2 70236-X07 D P01 P01	P/N ROW I 2  70236-X12 D P01 P01	P/N ROW I 2 70236-X21 D P04 P04	P/N ROW I 2  70236-X26 D P06 P06
	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I
	SEE NOTE	SEE NOTE	SEE NOTE     C   P16   P16	SEE NOTE     C   P05   P05	SEE NOTE     C
	ROW   1   2	70236-X06 <b>D</b> P03 P03	ROW   1   2	70236-X20 <b>D</b> P06 P06	70236-X25 <b>D</b> P04 P04
	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. 1	METRAL CONTACT CODE MOD. I
А	SEE NOTE	LEAD FREE     B   PO   PO       PO	LEAD FREE OPTION	LEAD FREE OPTION	SEE NOTE
	70236-X00 <b>D</b> P03 P03 <b>C</b> P02 P02	70236-X05 <b>D</b> P01 P01 SEE NOTE    <b>C</b> P01 P01	70236-XI0 <b>D</b> PI6 PI6 SEE_NOTE_II <b>C</b> PI6 PI6	70236-X15 <b>D</b> P02 P02 SEE NOTE II <b>C</b> P02 P02	70236-X24 <b>D</b> P05 P05
	METRAL P/N ROW I 2	METRAL CONTACT CODE MOD. I	METRAL CONTACT CODE MOD. I P/N ROW I 2	METRAL P/N ROW I 2	METRAL CONTACT CODE MOD. I
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METRAL P/N ROW I 2  70236-X29 D P06 P06  SEE NOTE II LEAD FREE OPTION A P05 P05	METRAL P/N ROW I 2  70236-X34 D P08 P08  SEE NOTE II C P09 P09  LEAD FREE OPTION A P09 P09	METRAL P/N ROW I 2  70236-X39 D P09 P09  SEE NOTE II C P09 P09  LEAD FREE OPTION B P08 P08  A P08 P08	METRAL P/N ROW I 2  T0236-X44 D P02 P02  SEE NOTE	METRAL   P/N   ROW   CONTACT CODE   MOD.
METRAL P/N ROW I 2  70236-X30 D P09 P09  SEE NOTE   I LEAD FREE OPTION A P09 P09	METRAL   ROW   I   Z	METRAL P/N ROW I 2  70236-X40 D P01 P01  SEE NOTE II C P03 P03  LEAD FREE OPTION B P02 P02  A P01 P01	METRAL   CONTACT CODE   MOD.	METRAL   ROW   CONTACT CODE   MOD.
B    METRAL   ROW   I   2	METRAL   ROW   I   2	METRAL   ROW   CONTACT CODE   MOD.	METRAL   ROW   CONTACT CODE   MOD.	METRAL   P/N   ROW   CONTACT CODE   MOD.
METRAL P/N ROW I 2  70236-X32 D P07 P07  SEE NOTE     LEAD FREE OPTION B P09 P09  A P09 P09	LEAD FREE   B   P08   P08   P08   P09   P09   P09	METRAL P/N ROW I 2  70236-X42 D P01 P01  SEE NOTE     C P02 P02	METRAL P/N ROW I 2  70236-X47 D P03 P03  SEE NOTE     C P0   P0     LEAD FREE OPTION B P03 P03  A P03 P03	METRAL   P/N   ROW   CONTACT CODE   MOD.
C METRAL P/N ROW I 2  70236-X33 D P07 P07  SEE NOTE   I	METRAL   P/N   ROW   I   2	METRAL P/N ROW I 2  70236-X43 D P02 P02  SEE NOTE II C P02 P02  LEAD FREE OPTION A P02 P02	METRAL   ROW   I   2	METRAL   P/N   ROW   I   2
D		Dr T. Eng M. Chr M.	V. fciconnect.com   ISO 1302   V   TOLERANCES UNLES    BRUNGARD   11/19/99   ANGULAR   LINEA   STRAWSER   11/19/99   0°   ±2°	0.XXX ±0.051 ECN *
86V F - 2004-84-17	2	FÇ	STRAWSER 02/29/00 Product far  WETRAL POWER HEADER  H I MOD, 4 ROW PRESS-FIT catalog no	### METRAL   Spec ref   ### Rev.   AH

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	METRAL P/N ROW I 2		ACT CODE OD, I	METRAL CONTACT COI MOD. I	METRAL P/N		METRAL P/N ROW CONTACT CODE MOD. I	
	70236-X54 <b>D</b> P05 P05 SEE NOTE    <b>C</b> P05 P05	70236-X59 <b>D</b> P05 SEE NOTE II <b>C</b> P05		70236-X64 <b>D</b> P08 P0 <b>C</b> P08 P0	SEE NOTE II C PC	)8 P08	0236-X92	
	LEAD FREE     B     P06     P06     P06     P06     P06     P06	LEAD FREE B P05 A P05		SEE NOTE	- I I I I I I	08 P08 L	B         P03         P03           OPTION         A         P01         P01	
	METRAL CONTACT CODE MOD. I	METRAL M	ACT CODE	METRAL CONTACT COL	E METRAL CO	NTACT CODE MOD. I	METRAL CONTACT CODE MOD, I	
	70236-X55 <b>D</b> P06 P06	P/N ROW I 70236-X60 <b>D</b> P07	<b>2</b>	P/N ROW I 2 70236-X65 <b>D</b> P09 P0	ROW		ROW I 2 0236-X93 D POI POI	
	SEE NOTE II C P05 P05	SEE NOTE II C P09		SEE NOTE II C PO8 PO	LEAD FREE		E NOTE II C P03 P03 EAD FREE B P01 P01	
	DETION         B         P05         P05           A         P06         P06	OPTION <b>B</b> P08 <b>A</b> P07		LEAD FREE     B     P08     P0		72 102	B   P01   P01	
	METRAL CONTACT CODE MOD. I	METRAL M	ACT CODE	METRAL CONTACT COL	METRAL P/N	NTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	
	ROW   I   2	70236-X61 <b>D</b> P08	<b>2</b> P08	70236-X66 <b>D</b> P08 P0	ROW	-	ROW I 2 0236-X94 D PI6 PI6	
	C         P04         P04           SEE NOTE   I         B         P04         P04	SEE NOTE II B P08		C   P07   P0   SEE NOTE   I   LEAD FREE   B   P07   P0	SEE NOTE II	)5 P05	E NOTE	
	DEAD FREE OPTION A PO6 PO6	DEAD FREE OPTION A PO9		OPTION A PO9 PO	OPTION		OPTION	
	METRAL CONTACT CODE MOD. I	METRAL M	ACT CODE	METRAL CONTACT COL	METRAL P/N	NTACT CODE MOD. I	METRAL CONTACT CODE MOD. I	
	70236-X57 <b>D</b> P06 P06	70236-X62 <b>D</b> P07	<b>2</b>	70236-X67 <b>D</b> P09 P0			ROW I 2 0236-X95 D P02 P02	
)	SEE NOTE	SEE NOTE II C PO8 LEAD FREE OPTION B PO9		SEE NOTE     C	LEAD FREE	<u> </u>	E NOTE     C	
	OPTION	<b>A</b> P07	P07	<b>A</b> P09 P0	_		<b>A</b> P01 P01	
	METRAL CONTACT CODE MOD. I		ACT CODE	METRAL CONTACT COMMOD. I	METRAL P/N	NTACT CODE MOD. I	METRAL P/N ROW I 2	
	70236-X58 <b>D</b> P05 P05	70236-X63 <b>D</b> P08	P08	70236-X68 <b>D</b> P08 P0	70236-X91 <b>D</b> PI	16 P16 7	0236-X96 <b>D</b> P03 P03	
	SEE NOTE	SEE NOTE II C P08 LEAD FREE OPTION B P09		SEE NOTE    C	LEAD FREE	<u> </u>	E NOTE     C   P02   P02   EAD FREE OPTION   B   P17   P17	
	OPTION A PO6 PO6	<b>A</b> P08	P08	<b>A</b> P09 P0	A PI	16 P16	<b>A</b> P03 P03	
					www.fciconnect.com	180 1302 \   180	erance std projection 406 ISO IIOI WISE SPECIFIED	mm
					Dr T.BRUNGARD     1   1   1   9   9	—— AN(1111 AR I	.X ±0.3 size	Scale
					Eng M.STRAWSER     1   1   9   9	9 0° ±2° LINEAR 0.	xxx ±0.051 ECN	*
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SEE NOTE II LEAD FREE P03 P03 В P03 P03 OPTION P02 P02

METRAL

P/N

70236-X97

CONTACT CODE

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MOD.

METRAL		CONTAC MOD	
P/N	ROW	I	2
70236-X98	<b>D</b> P02		P02
SEE NOTE II	С	P03	P03
LEAD FREE OPTION	В	P03	P03
	A	POI	POI

METRAL		CONTAC MOD	
P/N	ROW	ı	2
70236-X99	D	P03	P03
SEE NOTE II	С	PI6	P16
LEAD FREE OPTION	В	PI6	PI6
	A	PI6	P16

METRAL		CONTAC MOD		
P/N	ROW	1	2	
70236-X100	D	P03	P03	
SEE NOTE II LEAD FREE OPTION	С	P16	PI6	
	В	P16	PI6	
	A	P03	P03	

REV F - 2006-04-17

<u>AA</u>

NOTES:

- I. FOR DIM A AND B SEE SHEET 2 AND UP.
- 2. BODY MATERIAL: LIQUID CRYSTAL

POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-VO.

- 3. PIN MATERIAL:
- PHOSPHOR BRONZE. PLATING ON PRESS-FIT TAIL: 70236 -XYY IS SnPb 70236-XYYLF 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.) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- 9. 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.
- (I) FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70236-X01LF
- 12. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

www.fciconnect.com			s u r f		e3.200	tolera	nce std ISO 1101	projection	mm
			TOLERANCES UNLESS OTHERWISE SPECIFIED			$\oplus$	-		
Dr	T.BRUNGARD	11/19/99	ANGUL	۸,		0.X	±0.3	size A 4	Scale
Eng	M.STRAWSER	11/19/99	ANGUL	. A N	LINEAR	0.XX	±0,13	A 4	11:10
Chr	M.STRAWSER	11/19/99	0° =	£2°		0.XXX	±0.051	ECN	*
Appr	M.STRAWSER	02/29/00	Product family M			METRAL	Spec ref	*	



catalog no

METRAL POWER HEADER I MOD, 4 ROW PRESS-FIT

70236

CUSTOMER sheet 6 of 6

Rev.

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PDM: Rev:AH

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