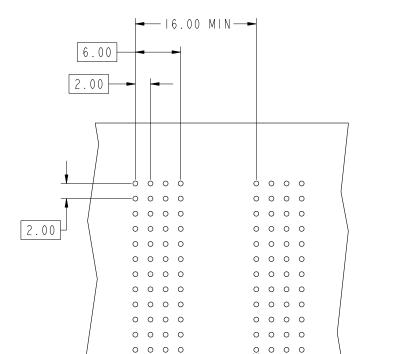


PDM: Rev:AE

STATUS: Released

Printed: Dec 29, 2007





	KEY	
0005	DIMEN	SIONS
CODE	DIM "A" MATE	DIM "B" TAIL
-	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
10	5.75	17.00
-11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
20	8.00	13.60

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REQUIRED PC BOARD LAYOUT COMPONENT SIDE

◆ Ø 0.10 ►

SEE PRINT 58351 FOR ADDITIONAL PCB INFORMATION.

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ΑE						linear	0.XX ±0.13		projection		title METRAL SIGNAL HEAD					/L D					
							.XXX ±.051								8 MOD, 4 ROW PRESS-F						
						angles		0°	±2°		1 9		7		V 11	υ,	7 110				
						dr	T.BRU	NGARD	1171	9/99		MM		produ	ict fam	nily		MET	RAL	code	
					enc		engr M.STRAWS		SER				size	dwg	no			21			
						chr	chr M.STRAWSER		R		scale		Ι _Λ	85666					sheet		
						appd	M.STR	AWSER	02/2	9/00		<u> : </u>		A			<i>)</i> ((<i>y</i> 0			2
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REV E - 2006-04-18

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PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
85666 - AYY	STANDARD	Au FLASH	TELCORDIA CO
85666-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
85666-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
85666 - IYY	STANDARD	TIN LEAD	TELCORDIA CO
85666-2YY	STANDARD	TIN LEAD	TELECOM CLASS
85666-3YY	STANDARD	TIN LEAD	IEC CLASS I
85666-5YY	STANDARD	TIN LEAD	TELCORDIA UE
85666-9YY	STANDARD	TIN LEAD	TELCORDIA CO
85666-AYYLF	LEAD FREE	Au FLASH	TELCORDIA CO, SEE NOTES 10 AND 11
85666-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES IO AND II
85666-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
85666-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES IO AND II
85666-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
85666-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

I. FOR DIM A AND B SEE SHEET 2 AND UP.

BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-VO.

PIN MATERIAL

PHOSPHOR BRONZE

PLATING ON: PRESS-FIT TAIL AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.

1|2

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

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 NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 85666-NI--- OR 85666-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN PART NUMBERS 85666-NI--- AND 85666-N5--- WILL NOT WITHSTAND REFLOW AND THE AU CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

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ΑE						linear		0.XX ±	0.13		projection			title _N	ME TE) N I	SIG	GNAL HEADER				
							. XXX ± . 05 ngles 0° ± 2°				d) -	8					S-FIT				
						angles				0° ±2°), 4	+ n (W F	U L O	2 - L I	1 1	
						dr T.BRUNGARD		NGARD	11/19/99		MM		produ	ict fam	nily		MET	code				
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85666-X01 AND С 2 2 2 2 2 2 4 3 3 2 2 85666-X01LF CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. MOD. 8 MOD. 5 MOD. 6 METRAL MOD. 1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 ROW 85666-X02 AND В 2 2 2 2 2 2 85666-X02LF CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 1 2 3 4 5 6 85666-X03 1 2 2 2 2 4 3 3 2 2 AND 85666-X03LF В 6 6 6 6 6 1 2 2 2 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 ROW 85666-X04 C 6 6 6 6 6 6 6 AND 85666-X04LF В 6 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 ROW 85666-X05 AND 2 2 2 2 2 2 4 3 3 2 2 B 2 2 2 2 2 2 2 2 2 2 85666-X05LF

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mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ ΑE projection linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale 85666 sheet M.STRAWSER Д 4 appd M.STRAWSER 02/29/00 sheet revision sheet cage code Pro/E 3 l 22526 4

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85666-X06 AND В 2 2 2 2 2 2 2 2 85666-X06LF CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 1 | 2 | 3 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 2 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 85666-X07 AND C 8 7 В 8 7 3 3 3 3 3 3 3 3 3 3 3 2 2 4 3 3 4 85666-X07LF CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 4 | 15 | 16 | 17 | 18 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 85666-X08 AND B 3 3 85666-X08LF CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL P/N 12 | 3 | 4 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 ROW 3 4 5 6 8 9 10 11 85666-X09 AND 85666-X09LF С В CONTACT CODE MOD. 3 MOD. 7 MOD. 2 MOD. 4 MOD. 5 MOD. 6 MOD. 8 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 3 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 3 3 3 3 3 3 3 3

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CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 85666-X20 C | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 6 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 4 2 2 4 AND B 6 6 2 2 2 2 2 2 2 4 2 2 4 85666-X20LF 6 6 6 6 6 6 6 6 6 6 6 6 2 6 6 6 6 6 6 6 6 6 6 6 6 2 2 2 2 2 2 2

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4 2 3 | CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 85666-X21 6 6 6 6 6 6 6 6 6 6 6 6 6 2 2 2 2 AND 2 2 2 2 2 2 2 2 85666-X21LF CONTACT CODE MOD. 2 MOD. 3 MOD. 6 MOD. 7 MOD. 4 MOD. 5 MOD. 8 METRAL MOD. ROW | 1 | 2 | 3 | 4 | 5 | 6 8 9 10 11 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 85666-X22 4 3 3 2 2 AND B 6 6 6 6 6 6 6 4 3 3 2 2 85666-X22LF CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. MOD. 8 METRAL MOD. P/N 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 85666-X23 AND 85666-X23LF B 4 19 19 19 2 2 2 2 2 2 2 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 85666-X24 2 2 2 2 2 2 2 2 2 2 |19|19|19|19|19|19|19|19|19|19| AND B 4 19 19 19 2 ||19||19||19||19||19||19||19||19||19||4 85666-X24LF 2 2 2 CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI. 85666-X25 AND B 3 85666-X25LF mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ ΑE projection linear 0.XX ±0.13 METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° METRAL code dr T.BRUNGARD 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr 11/19/99 scale 85666 sheet M.STRAWSER Д 8 appd M.STRAWSER 02/29/00 sheet revision sheet

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T.BRUNGARD

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appd M.STRAWSER

 $0.X \pm 0.3$

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0° ±2°

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METRAL code

METRAL SIGNAL HEADER

8 MOD, 4 ROW PRESS-FIT

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CONTACT CODE

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projection

scale

85666-X31 AND В 85666-X31LF CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL P/N 1 2 3 4 5 6 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 85666-X32 AND В 5 | 5 | 5 | 5 | 5 | 20 | 5 | 5 5 5 5 5 5 5 85666-X32LF CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD. P/N 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 ROW 85666-X33 AND 85666-X33LF В 3 3 1 А CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 ROW D 85666-X34 AND 85666-X34LF 19 1 В CONTACT CODE MOD. I MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL P/N This document is the property of and embadies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this shown and this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI. 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 ROW 5 5 5 85666-X35 С 5 5 5 5 5 5 5 5 5 5 5 AND В 5 5 85666-X35LF mat'l code tolerances unless CUSTOMER otherwise specified Itr ecn no. dr date COPY www.fciconnect.com $0.X \pm 0.3$ ΑE projection linear 0.XX ±0.13 title METRAL SIGNAL HEADER XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2°

sheet

1 2

revision

sheet

2

MOD. 3

MOD. 4

MOD. 5

8 | 9 | 10 | 1 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48

MOD. 6

MOD. 7

MOD. 2

CONTACT CODE

MOD.

METRAL

P/N

PDM: Rev:AE

11/19/99

11/19/99

11/19/99

02/29/00

MM

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scale

T.BRUNGARD

M.STRAWSER

M.STRAWSER

appd M.STRAWSER

dr

engr

Pro/E

STATUS: Released

cage code

product family

dwg no

85666

22526

size

Printed: Dec 29, 2007

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213

10

В

sheet

METRAL code

4

Α

3 |

MOD. 8

REV E - 2006-04-18

В

4 2 3 | CONTACT CODE MOD. 2 MOD. 3 MOD. 4 MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 85666-X36 AND 85666-X36LF CONTACT CODE MOD. 2 MOD. 3 MOD. MOD. 5 MOD. 6 MOD. 7 MOD. 8 METRAL MOD P/N 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 85666-X37 85666-X37LF В CONTACT CODE MOD. MOD. MOD. MOD. 8 METRAL MOD P/N 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 85666-X38 С В 85666-X38LF

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А

mat'l code tolerances unless CUSTOMER otherwise specified ltr ecn no. dr date 0.X ±0.3 COPY www.fciconnect.com ΑE projection title METRAL SIGNAL HEADER linear 0.XX ±0.13 XXX ±.051 8 MOD, 4 ROW PRESS-FIT 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family 213 engr M.STRAWSER 11/19/99 size dwg no M.STRAWSER 11/19/99 scale 85666 sheet appd M.STRAWSER 02/29/00 11 sheet revision sheet cage code 3 l Pro/E 22526 4

В

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STATUS: Released

Printed: Dec 29, 2007

В

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REV E - 2006-04-18