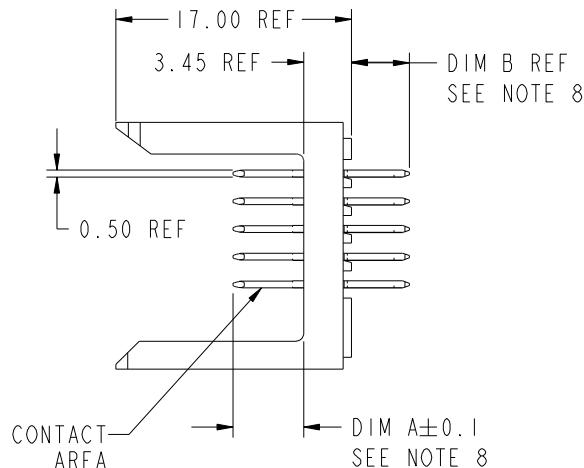
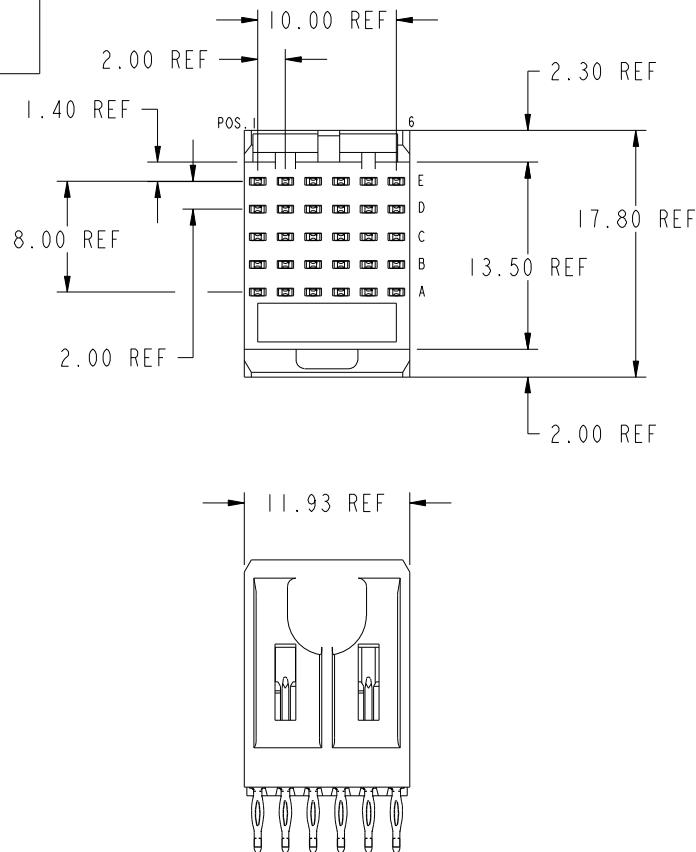


PRODUCT NUMBER
85674-XXX
OR
85674-XXXX
85674-XXYL
OR
85674-XXXXYL



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REV E - 2006-04-11

mat'l code				SEE NOTES		tolerances unless otherwise specified				CUSTOMER		FCI		www.fciconnect.com				
lfr	ecn no.	dr	date					COPY										
CC	V06-0569	DCH	2006-06-12	linear				0. X ± 0.3				projection		title				
CD	DG07-0409	Cenh	10/18/07					0. XX ± 0.13						METRAL SIGNAL HEADER				
CE	DG07-0487	Cenh	12/04/07	angles				.XXX ± .051						1 MOD, 5 ROW PRESS-FIT				
CF	DG08-0246	Cenh	09/26/08	dr				T.BRUNGARD 11/19/99				MM		product family METRAL				
-	-	-	-	engr				M.STRAWSER 11/19/99				scale		code 213				
CA	V04-0558	HTB	06/01/04	chr				M.STRAWSER 11/19/99				2:1		sheet 85674				
CB	V04-1100	DAI	01/19/05	appd				M.STRAWSER 02/29/00				A		1 of 10				
sheet	revision	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF	CF		
index	sheet	1	2	3	4	5	6	7	8	9	10							

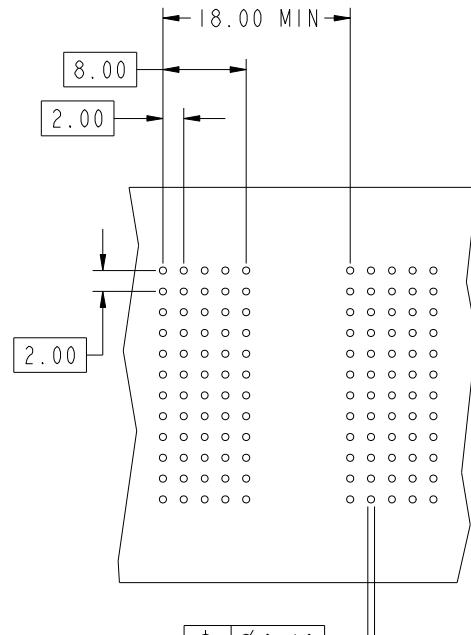
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REV C - 2008-04-18

A

1 | 2



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

3 |

4

CODE	KEY (SIGNAL PRESS-FIT)	
	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	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
11	6.50	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
29	8.00	14.60
30	5.00	12.90
31	5.75	12.90
40	5.00	15.60
41	6.50	15.60
49	5.75	15.10
52	8.00	15.10
59	5.00	11.80
61	6.50	11.80
64	5.75	14.90
65	5.00	16.30
67	7.25	16.30

mat'l code				tolerances unless otherwise specified			CUSTOMER	projection	title	product family	size	dwg no	code
lfr	ecn no.	dr	date	0. X ±0.3						MM	scale	3:2	A
CF				linear	0. XX	±0.13							
					XXX	±.051							
				angles	0°	±2°							
					dr	T. BRUNGARD	11/19/99						
					engr	M. STRAWSER	11/19/99						
					chr	M. STRAWSER	11/19/99						
					appd	M. STRAWSER	02/29/00						
				sheet	revision								
				index	sheet								

1 | 2

Pro/E

3 |

cage code 22526 4

PDM: Rev:CF

STATUS Released

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A

B

B

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REV E - 2006-04-18

METRAL P/N	CONTACT CODE MOD. I						METRAL P/N	CONTACT CODE MOD. I						METRAL P/N	CONTACT CODE MOD. I						METRAL P/N	CONTACT CODE MOD. I									
	ROW	1	2	3	4	5	6	ROW	1	2	3	4	5	6	ROW	1	2	3	4	5	6	ROW	1	2	3	4	5	6			
85674-X01	E	I	I	I	I	I	I	85674-X07	E	5	5	5	5	5	5	85674-X13	E	I	I	-	I	I	I	85674-X17	E	22	22	22	22	22	22
	D	I	I	I	I	I	I		D	5	5	5	5	5	5		D	I	I	-	I	I	I		D	22	22	22	31	22	22
	C	I	I	2	2	2	2		C	8	8	8	8	8	8		C	I	I	-	-	-	-		C	22	22	22	22	22	22
	B	I	I	I	I	I	I		B	5	5	5	5	5	5		B	I	I	-	I	I	I		B	22	22	22	22	22	22
85674-X01LF	A	I	I	I	I	I	I	85674-X07LF	A	5	5	5	5	5	5	85674-X13LF	A	I	I	-	I	I	I	:85674-X17LF	A	22	22	22	22	7	22
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
85674-X02	E	5	5	5	5	5	5	85674-X08	E	8	8	8	8	8	5	85674-X14	E	2	2	49	49	49	49	85674-X18	E	7	7	7	7	7	7
	D	5	5	5	5	5	5		D	8	8	8	8	8	5		D	2	2	49	49	49	49		D	7	7	7	3	7	7
	C	5	5	6	6	6	6		C	8	8	8	8	8	5		C	2	2	49	49	49	49		C	7	7	7	7	7	7
	B	5	5	5	5	5	5		B	8	8	8	8	8	5		B	2	2	49	49	49	49		B	7	7	7	7	7	7
85674-X02LF	A	5	5	5	5	5	5	85674-X08LF	A	8	8	8	8	8	5	85674-X14LF	A	2	2	49	49	49	49	85674-X18LF	A	-	7	7	7	7	-
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
85674-X03	E	I	I	I	I	I	I	85674-X09	E	5	5	5	5	5	5	85674-X15	E	49	49	49	49	2	2	85674-X19	E	3	3	3	3	3	-
	D	I	I	I	I	I	I		D	5	5	5	5	5	5		D	49	49	49	49	2	2		D	3	3	3	3	3	-
	C	4	4	4	4	4	4		C	5	5	5	5	5	5		C	49	49	49	49	2	2		C	3	3	3	3	3	-
	B	I	I	I	I	I	I		B	5	5	5	5	5	8		B	49	49	49	49	2	2		B	-	3	3	3	3	-
85674-X03LF	A	I	I	I	I	I	I	85674-X09LF	A	5	5	5	5	5	8	85674-X15LF	A	49	49	49	49	2	2	85674-X19LF	A	-	3	3	3	3	-
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
85674-X04	E	I	I	I	I	I	I	85674-X10	E	2	2	2	2	2	2	85674-X16	E	2	2	2	2	2	2	85674-X20	E	2	2	2	2	2	2
	D	I	I	I	I	I	I		D	2	2	2	2	2	2		D	1	3	2	3	2	3		D	2	2	2	2	2	2
	C	8	8	8	8	8	8		C	2	2	2	2	2	2		C	1	3	2	3	2	3		C	2	2	2	2	2	2
	B	I	I	I	I	I	I		B	2	-	-	-	-	2		B	1	3	2	3	2	3		B	2	2	2	2	1	2
85674-X04LF	A	I	I	I	I	I	I	85674-X10LF	A	2	-	2	-	-	2	85674-X16LF	A	1	3	2	3	2	3	85674-X20LF	A	2	2	2	1	1	2
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
85674-X05	E	8	8	8	8	8	8	85674-X11	E	6	6	6	6	20	6	85674-X17	E	52	7	7	7	7	7	85674-X24	E	52	7	22	7	7	7
	D	8	8	8	8	8	8		D	6	6	6	6	20	6		D	6	6	6	6	20	6		D	52	7	7	7	7	7
	C	8	8	8	8	8	8		C	6	6	6	6	20	20		C	6	6	6	6	20	20		C	52	7	7	7	7	7
	B	5	5	5	5	5	5		B	6	6	6	6	20	6		B	6	6	6	6	20	6		B	52	7	7	7	7	7
85674-X05LF	A	5	5	5	5	5	5	85674-X11LF	A	6	6	6	6	20	6	85674-X17LF	A	52	7	7	7	7	7	85674-X24LF	A	52	7	7	7	7	7
METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I					
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6
85674-X06	E	5	5	5	5	5	5	85674-X12	E	3	2	2	2	2	2	85674-X18	E	22	22	22	22	22	22	85674-X25	E	19	2	4	4	2	4
	D	5	5	5	5	5	5		D	3	2	2	2	1	2		D	22	22	22	31	22	22		D	19	2	4	4	2	4
	C	5	5	5	5	5	5		C	3	2	2	2	2	2		C	22	22	22	22	22	22		C	19	2	4	4	2	4
	B	5	5	5	8	8	5		B	3	2	2	2	2	2		B	22	22	22	22	22	22		B	19	2	4	4	2	4
85674-X06LF	A	5	5	5	8	8	5	85674-X12LF	A	3	2	2	2	2	2	85674-X18LF	A	22	22	22	22	7	22	85674-X25LF	A	19	2	4	4	2	4

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Pro/E

11

cage code 22526

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PDM: Rev:CF

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METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X49	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	-	3	3	3	3	3
	B	-	-	-	3	3	
85674-X49LF	A	3	3	-	-	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X50	E	3	3	3	3	3	3
	D	3	3	19	3	3	3
	C	3	3	19	3	3	3
	B	3	3	3	3	3	3
85674-X50LF	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X51	E	5	5	5	5	5	5
	D	6	6	6	6	6	6
	C	6	6	6	5	5	5
	B	6	5	5	5	5	5
85674-X51LF	A	5	5	5	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X52	E	1	1	1	1	1	1
	D	1	1	1	1	1	1
	C	3	1	1	1	1	3
	B	1	1	1	1	1	1
85674-X52LF	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X53	E	3	3	3	3	3	3
	D	2	2	2	2	3	3
	C	2	2	2	1	1	1
	B	2	2	2	1	1	1
85674-X53LF	A	3	2	3	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X54	E	2	2	2	2	2	2
	D	2	2	1	1	1	3
	C	2	2	1	1	1	3
	B	2	2	1	1	1	3
85674-X54LF	A	3	2	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X55	E	1	3	1	1	1	1
	D	1	3	1	1	1	1
	C	1	3	1	1	1	1
	B	1	3	1	1	1	1
85674-X55LF	A	1	3	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X56	E	5	6	6	6	6	6
	D	5	6	6	6	6	6
	C	5	6	6	6	6	6
	B	5	6	6	6	6	6
85674-X56LF	A	5	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X57	E	5	6	6	6	6	6
	D	5	6	6	6	6	6
	C	5	6	6	6	6	6
	B	5	6	6	6	6	6
85674-X57LF	A	5	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X58	E	1	2	2	2	2	2
	D	1	2	2	2	2	2
	C	1	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X58LF	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X59	E	3	3	3	1	3	3
	D	3	3	19	3	3	3
	C	19	3	19	3	3	3
	B	3	19	3	3	3	3
85674-X59LF	A	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X60	E	-	1	1	1	1	-
	D	-	1	1	1	1	-
	C	-	1	1	1	1	-
	B	-	1	1	1	1	-
85674-X60LF	A	-	1	1	1	1	-

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X61	E	3	19	3	3	3	3
	D	3	19	3	3	3	3
	C	3	19	3	3	3	3
	B	3	19	3	3	3	3
85674-X61LF	A	3	19	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X62	E	2	2	2	1	2	2
	D	2	2	2	1	2	2
	C	2	2	2	1	2	2
	B	2	2	2	1	2	2
85674-X62LF	A	1	2	2	1	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85674-X63	E	2	2	2	2	1	1
	D	2	2	2	2	1	1
	C	1	2	2	2	1	1
	B	2	2	2	2	1	1
85674-X63LF	A	1					



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Rev E - 2008-04-18

METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I						METRAL P/N		CONTACT CODE MOD. I														
ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	ROW		1	2	3	4	5	6	
85674-X73	E	20	6	8	8	6	20	85674-X79	E	3	2	2	2	2	2	85674-X85	E	7	7	6	8	3	3	85674-X89	E	3	8	6	6	6	6	85674-X93	E	3	4	2	2	2	2	
85674-X73LF	D	20	6	8	8	6	20	85674-X79LF	D	3	2	2	2	2	2	85674-X85LF	D	7	7	6	8	3	3	85674-X89LF	D	3	8	6	6	6	6	85674-X93LF	D	3	4	2	2	2	2	
	C	20	6	8	8	6	20		C	3	2	2	2	2	2		C	7	7	6	8	3	3		B	3	8	6	6	6	6		A	3	8	6	6	6	6	
	B	20	6	8	8	6	20		B	3	2	2	2	2	2		B	7	7	6	8	3	3		A	3	8	6	6	6	6			A	3	4	2	2	2	2
85674-X74	E	2	2	2	2	2	1	85674-X80	E	2	2	1	1	3	3	85674-X86	E	4	4	4	4	3	3	85674-X90	E	2	2	2	2	2	2	85674-X94	E	4	3	4	3	4	4	
85674-X74LF	D	2	2	2	2	2	2		D	2	2	3	3	3	3		D	4	4	4	4	3	3		C	2	2	2	2	2	4		B	4	2	4	2	4	4	
	C	2	2	2	2	2	2		B	1	2	3	3	3	3		B	4	4	4	4	3	3		A	2	2	2	2	2	2			A	4	2	4	2	4	4
85674-X75	E	2	2	2	2	3	3	85674-X81	E	2	2	3	3	3	4	85674-X87	E	3	4	3	4	3	4	85674-X91	E	2	2	2	2	2	2	85674-X95	E	4	4	3	4	3	4	
85674-X75LF	D	2	2	2	2	3	3		D	2	2	3	3	3	4		D	3	4	3	4	3	4		C	2	2	2	2	2	2		B	4	4	4	4	4	4	
	C	2	2	2	2	3	3		C	2	2	3	3	3	4		B	3	4	2	4	2	4		A	2	2	2	2	2	2			A	4	4	2	4	2	4
85674-X76	E	2	2	2	3	3	3	85674-X82	E	3	3	3	3	3	1	85674-X88	E	8	7	8	8	7	7	85674-X91LF	A	2	2	2	2	2	2	85674-X95LF	E	4	4	3	4	3	4	
85674-X76LF	D	2	2	2	3	3	3		D	3	3	3	3	3	1		D	8	7	8	8	7	7		C	2	2	2	2	2	2		B	4	4	2	4	2	4	
	C	2	2	2	3	3	3		C	3	3	3	3	3	1		C	8	7	8	8	7	7		A	2	2	2	2	2	2			A	4	4	2	4	2	4
85674-X77	E	3	3	3	2	2	2	85674-X83	E	1	3	3	3	3	3	85674-X88	E	8	7	8	8	7	7	85674-X92	E	3	4	3	4	3	4	85674-X96	E	3	4	3	4	1	2	
85674-X77LF	D	3	3	3	2	2	2		D	1	3	3	3	3	3		D	8	7	8	8	7	7		C	4	4	4	4	4	2		B	2	4	2	4	1	2	
	C	3	3	3	2	2	2		C	1	3	3	3	3	3		C	8	7	8	8	7	7		A	2	4	2	4	2	4			A	2	4	2	4	1	2
85674-X78	E	3	4	2	2	2	3	85674-X84	E	3	3	1	2	2	3	85674-X88LF	A	8	7	8	8	7	7	85674-X92LF	A	2	4	2	4	2	4	85674-X96LF	A	2	4	2	4	1	2	
85674-X78LF	D	3	4	2	2	2	3		D	3	3	1	2	2	3		D	8	7	8	8	7	7		C	4	4	2	4	2	4		B	2	4	2	4	1	2	
	C	3	4	2	2	2	3		C	3	3	1	2	2	3		C	8	7	8	8	7	7		A	2	4	2	4	2	4			A	2	4	2	4	1	2
85674-X79	E	2	2	2	2	2	1	85674-X85	E	7	7	6	8	3	3	85674-X90	E	3	8	6	6	6	6	85674-X94	E	4	3	4	3	4	4									
85674-X79LF	D	2	2	2	2	2	2		D	7	7	6	8	3	3		D	3	8	6	6	6	6		C	4	4	4	4	4	4		B	4	2	4	2	4	4	
	C	2	2	2	2	2	2		C	7	7	6	8	3	3		C	3	8	6	6	6	6		A	2	2	2	2	2	2			A	4	2	4	2	4	4
85674-X80	E	2	2	2	2	2	1	85674-X86	E	4	4	4	4	3	3	85674-X91	E	2	2	2	2	2	2	85674-X95	E	4	4	3	4	3	4									
85674-X80LF	D	2	2	2	2	2	2		D	4	4	4	4	3	3		D	2	2	2	2	2	2		C	4	4	4	4	4	4		B	4	4	2	4	2	4	
	C	2	2	2	2	2	2		C	4	4	4	4	3	3		C	2	2	2	2	2	2		A	2	2	2	2	2	2			A	4	2	4	2	4	4
85674-X81	E	2	2	2	2	3	3	85674-X87	E	3	4	3	4	3	4	85674-X91LF	A	2	2	2	2	2	2	85674-X95LF	A	4	4	2	4	2	4									
85674-X81LF	D	2	2	2	3	3	3		D	3	4	3	4	3	4		D	2	2	2	2	2	2		C	2	2	2	2	2	2		B	4	4	2	4	2	4	
	C	2	2	2	3	3	3		C	3	4	4	4	4	4		C	3	4	2	4	2	4		A	2	2	2	2	2	2			A	4	2	4	2	4	4
85674-X82	E	2	2	2	3	3	1	85674-X88	E	8	7	8	8	7	7	85674-X92	E	3	4	3	4	3	4	85674-X96	E	3	4	3	4	1	2									
85674-X82LF	D	2	2	2	3	3	1		D	8	7	8	8	7	7		D	3	4	3	4	3	4		C	4	4	4	4	4	2		B	2	4	2	4	1	2	
	C	2	2	2	3	3	1		C	8	7	8	8	7	7		C	8	7	8	8	7	7		A	2	4	2	4	2	4			A	4	2	4	2	4	4
85674-X83	E	1	3	3	3	3	3	85674-X89	E	3	3	1	2	2	3	85674-X92LF	A	2	4	2	4	2	4	85674-X96LF	A	2	4	2	4	1	2									
85674-X83LF	D	1	3	3	3	3	3		D	3	3	1	2	2	3		D	8	7	8	8	7	7		C	4	4	4	4	4	2		B	2	4	2	4	1	2	
	C	1	3	3	3	3	3		C	3	3	1	2	2	3		C	8	7	8	8	7	7		A	2	4	2	4	2	4			A	4	2	4	2	4	4
85674-X84	E	3	3	1	2	2	3	85674-X90	E	3	8	6	6	6	6	85674-X94	E	4	3	4	3	4	4	85674-X98	E	3	4	3	4	1	2									
85674-X84LF	D	3	3	1	2	2	3		D	3	8	6	6	6	6		D	3	8	6	6	6	6		C	4	4	4	4	4	2		B	2	4	2	4	1	2	
	C	3	3	1	2	2	3		C	3	8	6	6	6	6		C	3	8	6	6	6	6		A	2	4	2	4	2	4			A	4	2	4	2	4	4
85674-X85	E	7	7	6	8	3	3	85674-X91	E	3	8	6	6	6	6	85674-X95LF	A	2	2	2	2	2	2	85674-X99	A	2	4	2	4	1	2									
85674-X85LF	D	7	7	6	8	3	3		D	7	7	6	8	3	3		D	3	8	6	6	6	6		C	4	4	4	4	4	2		B	2	4	2	4	1	2	
	C	7	7	6	8	3	3		C	7	7	6	8	3	3		C	3	8	6	6	6	6		A	2	4	2	4	2	4			A	4	2	4	2	4	4
85674-X86	E	4	4	4	4	3	3	85674-X92	E	3	4	3	4	3	4	85674-X96	E	3	4	3	4	1	2	85674-X98LF																



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METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X100	E	2	2	1	2	2	2
	D	2	2	1	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X100LF	A	2	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X101	E	2	2	2	2	2	1
	D	2	2	2	2	2	2
	C	2	1	2	2	2	2
	B	2	1	2	2	1	2
85674-X101LF	A	2	2	2	2	1	2

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X102	E	4	4	-	2	2	2
	D	4	4	-	2	2	4
	C	4	4	-	2	2	2
	B	-	-	-	2	2	2
85674-X102LF	A	4	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X97	E	4	-	4	4	4	3
	D	4	-	4	4	4	3
	C	4	-	4	4	4	3
	B	4	-	4	4	4	3
85674-X97LF	A	4	-	4	4	4	3

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X98	E	3	4	3	3	3	3
	D	3	4	3	3	3	3
	C	3	4	3	3	3	3
	B	3	4	3	3	3	3
85674-X98LF	A	3	4	3	3	3	3

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X99	E	2	2	1	1	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	1	2	2	2	2	2
85674-X99LF	A	1	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X100	E	2	2	1	2	2	2
	D	2	2	1	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X100LF	A	2	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X101	E	2	2	2	2	2	1
	D	2	2	2	2	2	2
	C	2	1	2	2	2	2
	B	2	1	2	2	1	2
85674-X101LF	A	2	2	2	2	1	2

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X102	E	4	4	-	2	2	2
	D	4	4	-	2	2	4
	C	4	4	-	2	2	2
	B	-	-	-	2	2	2
85674-X102LF	A	4	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. I						
		ROW	1	2	3	4	5	6
85674-X103	E	2	9	29	29	7	7	7
	D	2	9	29	29	7	7	7
	C	2	9	29	29	7	7	7
	B	2	9	29	29	7	7	7
85674-X103LF	A	2	9	29	29	7	7	7

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X109	E	2	2	2	2	2	2
	D	3	2	2	2	2	2
	C	4	2	2	2	2	4
	B	2	2	2	2	2	2
85674-X109LF	A	2	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. I						
		ROW	1	2	3	4	5	6
85674-X113	E	6	7	6	4	6	4	6
	D	6	7	6	4	6	4	6
	C	6	7	6	4	6	4	6
	B	6	7	6	4	6	4	6
85674-X113LF	A	6	7	6	4	6	4	6

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X114	E	6	-	6	-	6	-
	D	-	-	-	-	-	-
	C	6	-	6	-	6	-
	B	-	-	-	-	-	-
85674-X114LF	A	6	-	6	-	6	-

METRAL P/N		CONTACT CODE MOD. I						
		ROW	1	2	3	4	5	6
85674-X115	E	6	4	6	4	6	4	6
	D	6	4	6	4	6	4	6
	C	6	5	6	4	6	4	6
	B	6	4	6	4	6	4	6
85674-X115LF	A	6	4	6	4	6	4	6

METRAL P/N		CONTACT CODE MOD. I					
		ROW	1	2	3	4	5
85674-X116	E	4	4	-	2	2	2



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METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X121	E	6	6	6	5	6	6
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
85674-X121LF	A	6	6	6	6	6	6

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X122	E	6	5	6	6	6	6
	D	6	6	6	6	6	6
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
85674-X122LF	A	6	6	6	6	6	6

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X123	E	2	1	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X123LF	A	2	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X124	E	6	6	6	7	8	8
	D	6	6	6	8	8	8
	C	6	8	8	6	6	6
	B	6	6	6	8	8	8
85674-X124LF	A	6	6	5	6	8	8

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X125	E	1	2	2	2	2	2
	D	1	2	2	2	2	2
	C	1	2	2	2	2	2
	B	1	2	2	2	2	2
85674-X125LF	A	1	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X126	E	3	3	3	3	3	1
	D	3	3	3	3	3	3
	C	3	3	3	3	3	4
	B	3	3	3	3	3	3
85674-X126LF	A	3	3	3	3	3	1

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X127	E	4	2	2	2	2	2
	D	4	2	2	2	2	2
	C	4	2	2	2	2	2
	B	4	2	2	2	2	4
85674-X127LF	A	4	2	2	2	2	2

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X133	E	59	7	31	7	59	7
	D	59	7	31	7	59	7
	C	59	7	31	7	59	7
	B	59	7	31	7	59	7
85674-X133LF	A	59	7	31	7	59	7

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X134	E	2	2	2	1	2	
	D	2	2	2	2	2	
	C	2	2	2	2	2	
	B	2	2	2	2	2	
85674-X134LF	A	2	1	2	2	2	

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X135	E	1	1	2	3	3	
	D	1	1	2	3	3	
	C	1	1	2	2	3	
	B	1	2	2	2	3	
85674-X135LF	A	1	1	2	2	3	

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X136	E	2	2	2	2	2	
	D	2	2	2	2	2	
	C	6	6	6	6		
	B	6	6	6	21	6	
85674-X136LF	A	6	6	6	6	6	

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X131	E	2	2	2	2	2	
	D	2	2	2	2	2	
	C	2	2	2	2	2	
	B	2	2	2	19	2	
85674-X131LF	A	2	2	2	2	2	

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X132	E	1	3	1	3	3	
	D	1	1	1	1	1	
	C	1	1	1	1	1	
	B	1	1	1	1	1	
85674-X132LF	A	1	3	1	3	1	

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X137	E	2	2	2	2	2	
	D	2	2	2	2	1	
	C	-	-	-	-	-	
	B	2	2	2	2	2	
85674-X137LF	A	2	2	2	2	2	

METRAL P/N		CONTACT CODE MOD. 1					
		ROW	1	2	3	4	5
85674-X141	E	1	1	1	1	1	
	D	1	1	3	3	1	
	C	1	1	3	3	1	
	B	1	1	1	1	1	
85674-X141LF	A	1	1	1	1	1	



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B

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X145	E	3	3	3	3	2	1
	D	3	3	3	3	2	1
	C	3	3	3	3	2	1
	B	3	3	3	3	2	1
85674-X145LF	A	3	3	3	3	2	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X151	E	6	6	6	6	6	6
	D	6	6	6	6	6	5
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
85674-X151LF	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X146	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	3	2	2
	B	2	2	2	3	2	2
85674-X146LF	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X147	E	2	2	2	2	2	2
	D	2	2	1	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X147LF	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X148	E	1	1	2	2	2	2
	D	1	1	2	2	2	2
	C	2	2	2	2	2	2
	B	1	1	2	2	2	2
85674-X148LF	A	1	1	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X149	E	2	2	2	2	2	2
	D	2	2	2	2	1	2
	C	2	2	2	2	1	2
	B	2	2	2	2	2	2
85674-X149LF	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X150	E	1	1	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X150LF	A	2	2	2	2	2	2

1 | 2

1 | 2

3 |

3 |

4

4

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X151	E	6	6	6	6	6	6
	D	6	6	6	6	6	5
	C	6	6	6	6	6	6
	B	6	6	6	6	6	6
85674-X151LF	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X152	E	7	6	6	6	6	6
	D	7	6	6	6	6	6
	C	6	6	6	6	6	6
	B	7	6	6	6	6	6
85674-X152LF	A	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X153	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
85674-X153LF	A	2	2	1	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X154	E	2	2	2	2	2	2
	D	2	2	2	2	2	2
	C	2	2	2	1	2	2
	B	2	2	2	2	2	2
85674-X154LF	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X155	E	1	19	3	3	3	3
	D	3	19	3	3	3	3
	C	3	19	3	3	3	3
	B	19	19	3	3	3	3
85674-X155LF	A	19	19	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X156	E	1	1	1	1	1	2
	D	1	1	1	1	1	2
	C	1	1	1	1	1	2
	B	1	1	1	1	1	2
85674-X156LF	A	1	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
85674-X157	E	3	3	3	3	19	3
	D	3	3	3	3	19	3
	C	3	3	3	3	1	3
	B	3	3	3	3	19	3
85674-X157LF	A	3	3	3	3	19	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6

PRODUCT NUMBER
85674-XYY
OR
85674-XXXX
85674-XYYLF
OR
85674-XXXXLF

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:
85674-XYY IS SnPb
85674-XYYLF IS Sn (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
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
7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5--- WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI--- AND (DRAWINGS NO.)-N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	
-PYY OR -PYYY	0.25 um GOLD MIN.	-
-NIYY OR -NIYYY	TELCORDIA CO (NXT)	-
-N5YY OR -N5YYY	TELCORDIA UE (NXT)	-
-IYY OR -IYYY	TELCORDIA CO	-
-2YY OR -2YYY	TELECOM CLASS	-
-3YY OR -3YYY	IEC CLASS I	-
-5YY OR -5YYY	TELCORDIA UE	-
-9YY OR -9YYY	TELCORDIA CO	-
-NIYYLF OR -NIYYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF OR -N5YYYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF OR -IYYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF OR -2YYYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF OR -5YYYLF	TELCORDIA UE	SEE NOTE 9



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mat'l code				tolerances unless otherwise specified		CUSTOMER	projection	title	product family	code
lfr	ecn no.	dr	date	linear	0.0 ±0.3					
CF					0.0X ±0.13					
					.XXX ±.051					
					0° ±2°					
				dr	T.BRUNGARD 11/19/99					
				engr	M.STRAWSER 11/19/99					
				chr	M.STRAWSER 11/19/99	scale				
				appd	M.STRAWSER 02/29/00					
	sheet	revision								
	index	sheet								