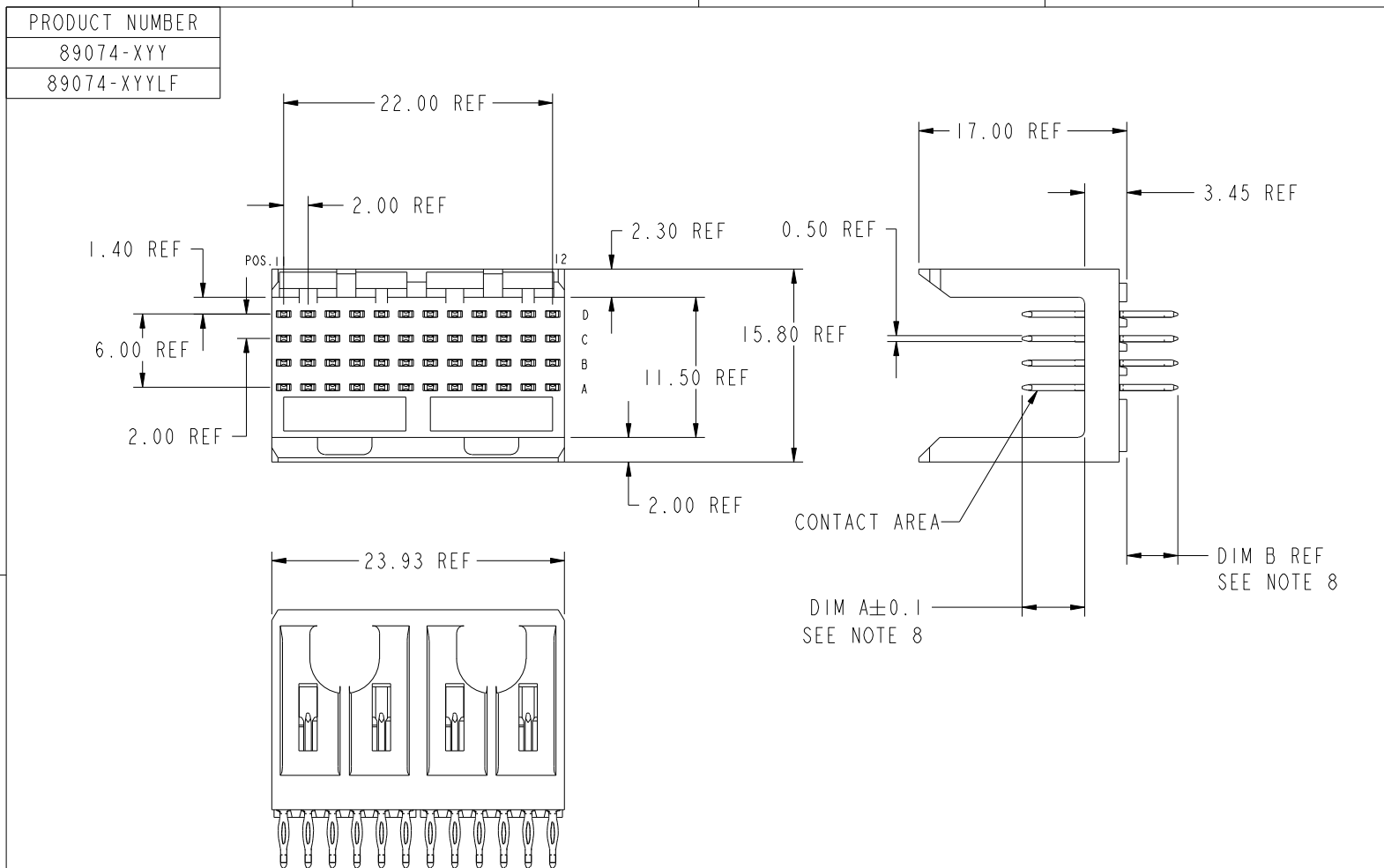




This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18



mat'l code				tolerances unless otherwise specified				CUSTOMER			FCI		
ltr	ecn no.	dr	date					COPY			www.fciconnect.com		
BG	V06-0573	DCH	2006-06-14	linear	0.X ± 0.3			projection			title		
BH	DG10-0008	TER	2010-01-07		0.XX ± 0.13						METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		
BJ	DG10-0214	TER	2010-06-07	angles	.XXX ± .051								
-	-	-	-	dr	0° ± 2°						product family		
BD	V03-1209	HTB	11/10/03	engr							METRAL		
BE	V04-0795	TAB	08/16/04	chr	T.BRUNGARD 11/19/99			scale			size		
BF	V05-0030	DAI	02/11/05	appd	M.STRAWSER 11/19/99						dwg no		
					M.STRAWSER 02/29/00			2:1			A		
sheet	revision	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	code		
index	sheet	1	2	3	4	5	6	7	8	9	22526		

Pro/E

3

cage code 22526

4

PDM: Rev:BJ

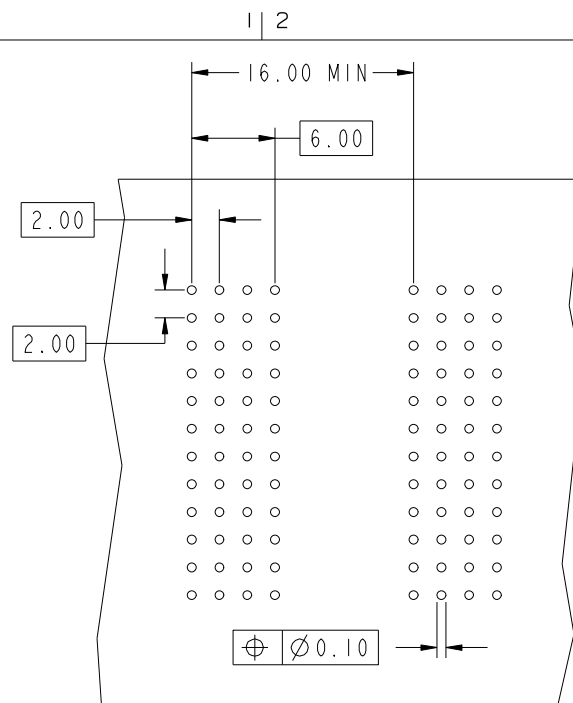
STATUS:Released

Printed: Jun 10, 2010



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY		
CODE	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
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30

mat'l code				tolerances unless otherwise specified		CUSTOMER	FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	www.fciconnect.com	
BJ					0.XX ±0.13	projection	title	
					.XXX ±.051		METRAL SIGNAL HEADER	
				angles	0° ±2°		2 MOD, 4 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99		product family	METRAL
				engr	M.STRAWSER 11/19/99		size	213
				chr	M.STRAWSER 11/19/99		dwg no	89074
				appd	M.STRAWSER 02/29/00		sheet	2
sheet	revision							
index	sheet							

Pro/E

cage code 22526

PDM: Rev:BJ

STATUS:Released

Printed: Jun 10, 2010



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X01 SEE NOTE 10 LEAD FREE OPTION	D	3	2	1	1	1	1	1	3	2	3
	C	3	3	1	1	1	1	1	3	2	3
	B	3	2	1	1	1	1	1	3	2	3
	A	3	1	1	1	1	1	1	3	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X02 SEE NOTE 10 LEAD FREE OPTION	D	1	3	1	1	1	1	1	1	3	1
	C	1	3	1	1	1	1	1	1	3	1
	B	1	3	1	1	1	1	1	1	3	1
	A	1	3	1	1	1	1	1	1	3	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X03 SEE NOTE 10 LEAD FREE OPTION	D	3	2	1	1	2	2	2	2	3	2
	C	3	2	1	1	2	2	2	2	3	2
	B	3	2	1	1	2	2	2	2	3	2
	A	3	2	1	1	2	2	2	1	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X04 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	2	2	2	3
	C	3	2	2	2	2	2	2	2	2	3
	B	3	2	2	2	2	2	2	2	2	3
	A	3	2	2	2	2	2	2	2	3	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X05 SEE NOTE 10 LEAD FREE OPTION	D	3	1	1	1	1	1	1	3	2	3
	C	3	1	1	1	1	1	1	3	2	3
	B	3	1	1	1	1	1	1	3	2	3
	A	3	1	1	1	1	1	1	3	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X06 SEE NOTE 10 LEAD FREE OPTION	D	7	6	6	6	6	6	6	6	6	5
	C	7	6	6	6	6	6	6	6	6	5
	B	7	6	6	6	6	6	6	6	6	5
	A	7	6	6	6	6	6	6	6	6	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X07 SEE NOTE 10 LEAD FREE OPTION	D	8	6	6	6	6	6	6	6	6	6
	C	8	6	6	6	6	6	6	6	6	6
	B	8	6	6	6	6	6	6	6	6	6
	A	8	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X08 SEE NOTE 10 LEAD FREE OPTION	D	3	2	3	2	3	3	3	2	3	2
	C	3	2	3	2	3	3	3	2	3	2
	B	3	2	3	2	3	3	3	2	3	2
	A	3	2	3	2	3	3	3	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X09 SEE NOTE 10 LEAD FREE OPTION	D	8	7	7	7	7	7	7	7	7	6
	C	8	7	7	7	7	7	7	7	7	6
	B	8	7	7	7	7	7	7	7	7	6
	A	8	7	7	7	7	7	7	7	7	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X10 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	3	3	3	2
	C	3	2	2	2	2	2	3	3	3	2
	B	3	2	2	2	2	2	3	3	3	2
	A	3	2	2	2	2	2	3	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X11 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	2	2	2	2
	C	3	2	2	2	2	2	2	2	2	2
	B	3	2	2	2	2	2	2	2	2	2
	A	3	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X12 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	3	2	2	2
	C	3	2	2	2	2	2	3	2	2	2
	B	3	2	2	2	2	2	3	2	2	2
	A	3	2	2	2	2	2	3	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X13 SEE NOTE 10 LEAD FREE OPTION	D	7	6	6	6	6	6	6	6	6	6
	C	7	6	6	6	6	6	6	6	6	6
	B	7	6	6	6	6	6	6	6	6	6
	A	7	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X14 SEE NOTE 10 LEAD FREE OPTION	D	7	6	6	6	6	6	7	6	6	6
	C	7	6	6	6	6	6	7	6	6	6
	B	7	6	6	6	6	6	7	6	6	6
	A	7	6	6	6	6	6	7	6	6	6

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
BJ					0.XX ±0.13	projection	title		
					.XXX ±.051		METRAL SIGNAL HEADER		
				angles	0° ±2°		2 MOD, 4 ROW PRESS-FIT		
				dr	T.BRUNGARD 11/19/99	product family		METRAL	code
				enrg	M.STRAWSE 11/19/99	size		dwg no	213
				chr	M.STRAWSE 11/19/99	scale		89074	sheet
				appd	M.STRAWSE 02/29/00	1:1		A	3
sheet index		revision sheet							

Pro/E

cage code 22526



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X15 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	3	2	2	2
	C	2	2	2	2	2	2	3	2	2	2
	B	2	2	2	2	2	2	3	2	2	2
	A	2	2	2	2	2	2	3	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X16 SEE NOTE 10 LEAD FREE OPTION	D	4	2	2	2	2	2	2	2	2	2
	C	4	2	2	2	2	2	2	2	2	2
	B	4	2	2	2	2	2	2	2	2	2
	A	4	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X17 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	4
	C	2	2	2	2	2	2	2	2	2	4
	B	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X18 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	4	2	2	2	3
	C	3	2	2	2	2	4	2	2	2	3
	B	3	2	2	2	2	4	2	2	2	3
	A	3	1	2	2	2	4	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X19 SEE NOTE 10 LEAD FREE OPTION	D	4	2	2	2	2	2	2	4	3	3
	C	4	2	2	2	2	2	2	4	3	3
	B	4	2	2	2	2	2	2	4	3	3
	A	4	2	2	2	2	2	2	4	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X20 SEE NOTE 10 LEAD FREE OPTION	D	8	7	7	7	7	7	7	7	7	7
	C	8	7	7	7	7	7	7	7	7	7
	B	8	7	7	7	7	7	7	7	7	7
	A	8	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X21 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	3	2	4	2	2	2
	C	2	2	2	2	3	2	4	2	2	2
	B	2	2	2	2	3	2	4	2	2	2
	A	2	2	1	2	3	2	4	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X22 SEE NOTE 10 LEAD FREE OPTION	D	2	2	1	1	3	2	4	2	2	2
	C	2	2	2	2	3	2	4	2	2	2
	B	2	2	2	2	3	2	4	2	2	2
	A	2	2	2	2	3	2	4	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X23 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	3	3	3	3	3	3	3
	C	1	1	1	3	3	3	3	3	3	3
	B	1	1	1	3	3	3	3	3	3	3
	A	1	1	1	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X24 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	2
	C	1	1	1	1	1	1	1	1	1	2
	B	1	1	1	1	1	1	1	1	1	2
	A	1	1	1	1	1	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X25 SEE NOTE 10 LEAD FREE OPTION	D	3	3	1	3	3	3	3	3	3	3
	C	3	3	1	3	3	3	3	3	3	3
	B	3	3	1	3	3	3	3	3	3	3
	A	3	3	1	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X26 SEE NOTE 10 LEAD FREE OPTION	D	3	3	1	3	3	3	3	3	3	3
	C	3	4	1	3	3	3	3	3	3	3
	B	3	3	1	3	3	3	3	3	3	3
	A	3	3	1	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X27 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	4
	C	2	2	2	2	2	2	2	2	2	4
	B	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	1	1	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X28 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	1	2
	C	2	2	2	2	2	2	2	1	1	2
	B	2	2	2	2	2	2	2	4	1	2
	A	2	2	2	2	2	2	2	4	1	2

mat'l code				tolerances unless otherwise specified		CUSTOMER	
litr	ecn no.	dr	date	linear	0.X ±0.3	projection MIM scale 1:1	COPY title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
BJ					0.XX ±0.13		
					.XXX ±.051		
					angles 0° ±2°		
				dr	T.BRUNGARD 11/19/99	product family size A	METRAL code 213 sheet 4
				enrg	M.STRAWSE 11/19/99		
				chr	M.STRAWSE 11/19/99		
				appd	M.STRAWSE 02/29/00		
sheet index		revision sheet					

Pro/E

cage code 22526



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X29 SEE NOTE 10 LEAD FREE OPTION	D	2	2	4	4	4	4	4	4	4	4
	C	2	2	4	4	4	4	4	4	4	4
	B	2	2	4	4	4	4	4	4	4	4
	A	2	2	4	4	4	4	4	4	4	4

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X30 SEE NOTE 10 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	7
	C	6	6	6	6	6	6	6	6	6	7
	B	6	6	6	6	6	6	6	6	6	7
	A	6	6	6	6	6	6	6	6	6	7

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X31 SEE NOTE 10 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	7
	C	6	6	6	6	6	6	6	6	6	7
	B	6	6	6	6	6	6	6	6	6	7
	A	6	6	6	6	6	6	6	6	6	7

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X32 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	3	3	2	4
	C	2	2	2	2	2	2	3	3	2	4
	B	2	2	2	2	2	2	3	3	2	4
	A	2	2	2	2	2	2	3	3	2	4

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X33 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	4	2	2	2
	C	2	2	2	2	2	2	4	2	2	2
	B	2	2	2	2	2	2	4	2	2	2
	A	2	2	2	2	2	2	4	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X34 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	4	2	2	2
	C	2	2	2	2	2	2	4	2	2	2
	B	2	2	2	2	2	2	4	2	2	2
	A	2	2	2	2	2	2	4	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X35 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	3	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	3	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X36 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	4	2	2	2
	C	2	2	2	2	2	2	4	2	2	2
	B	2	2	4	2	2	2	4	2	2	2
	A	2	2	3	2	2	2	4	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X37 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	4	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X38 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X39 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	4	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X40 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	3

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X41 SEE NOTE 10 LEAD FREE OPTION	D	3	3	3	3	3	2	4	2	4	2
	C	3	3	3	3	2	4	2	4	2	4
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10
		1	2	3	4	5	6	7	8	9	10
89074-X42 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1

mat'l code		- -		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	
BJ					0.XX ±0.13			METRAL SIGNAL HEADER	
				angles	.XXX ±.051			2 MOD, 4 ROW PRESS-FIT	
				dr	0° ±2°	scale		product family	
				enrg	T.BRUNGARD 11/19/99	1:1		METRAL	
				chr	M.STRAWSE 11/19/99			code	
				appd	M.STRAWSE 02/29/00			size	
sheet index		revision sheet						dwg no	
								89074	
								213	
								sheet	
								5	

cage code 22526

Pro/E

3

4



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X43 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	2	1	1	1	1	2
	C	1	1	1	1	2	1	1	1	1	2
	B	1	1	1	1	2	1	1	1	1	2
	A	1	1	1	1	2	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X44 SEE NOTE 10 LEAD FREE OPTION	D	3	1	3	2	2	2	3	2	2	2
	C	3	3	2	2	2	2	3	2	2	2
	B	3	2	2	2	2	2	3	2	2	2
	A	3	2	2	2	2	2	3	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X45 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	1
	C	2	2	2	2	2	2	2	2	2	1
	B	2	2	2	2	2	2	2	2	2	1
	A	2	2	2	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X46 SEE NOTE 10 LEAD FREE OPTION	D	4	-	-	2	-	1	2	2	2	2
	C	4	-	-	2	-	2	2	2	2	2
	B	4	-	-	2	-	4	4	4	2	2
	A	4	-	-	2	-	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X47 SEE NOTE 10 LEAD FREE OPTION	D	8	-	-	6	-	5	6	6	6	6
	C	8	-	-	6	-	6	6	6	6	6
	B	8	-	-	6	-	8	8	8	6	6
	A	8	-	-	6	-	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X48 SEE NOTE 10 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	8	8	6
	B	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X49 SEE NOTE 10 LEAD FREE OPTION	D	4	-	-	2	-	6	6	6	6	6
	C	4	-	-	2	-	6	6	6	6	6
	B	4	-	-	2	-	8	8	8	6	6
	A	4	-	-	2	-	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X50 SEE NOTE 10 LEAD FREE OPTION	D	2	4	2	2	2	2	2	2	2	2
	C	2	4	2	2	2	2	2	2	2	2
	B	2	4	2	2	2	2	2	2	2	2
	A	2	4	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X51 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	3	3	2	4
	C	2	2	2	2	2	2	3	3	2	4
	B	2	2	2	2	2	2	3	3	2	4
	A	2	2	2	2	2	2	3	3	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X52 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	4	2	2	2	2
	C	2	2	2	2	2	4	2	2	2	2
	B	2	2	2	2	2	4	2	2	2	2
	A	2	2	2	2	2	4	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X53 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	4	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X54 SEE NOTE 10 LEAD FREE OPTION	D	3	2	1	1	1	1	1	1	1	2
	C	3	2	1	1	1	1	1	1	1	2
	B	3	2	1	1	1	1	1	1	1	2
	A	3	2	1	1	1	1	1	1	1	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X55 SEE NOTE 10 LEAD FREE OPTION	D	4	4	3	3	4	4	4	4	4	2
	C	4	4	3	3	4	4	4	2	4	4
	B	4	4	3	3	4	4	4	4	4	2
	A	4	4	3	3	4	4	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X56 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	3	4	4	3
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X57 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	-	-	-	1	1
	C	1	1	1	1	1	-	-	-	1	1
	B	1	1	1	1	1	-	-	-	1	1
	A	1	1	1	1	1	-	-	-	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X58 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1
	B	3	1	3	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1

mat'l code		- -		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY	projection	title	METRAL SIGNAL HEADER		
BJ					0.XX ±0.13			2 MOD, 4 ROW PRESS-FIT			
					.XXX ±.051						
				angles	0° ±2°						
				dr	T.BRUNGARD 11/19/99						
				enrg	M.STRAWSE 11/19/99						
				chr	M.STRAWSE 11/19/99						
				appd	M.STRAWSE 02/29/00						
sheet	revision										
index	sheet										

Pro/E

cage code 22526



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X59 SEE NOTE 10 LEAD FREE OPTION	D	6	8	6	6	6	6	6	6	6	6
	C	6	8	6	6	6	6	6	6	6	6
	B	6	8	6	6	6	6	6	6	6	6
	A	6	8	6	6	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X60 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	1	1	1	1	1	3	2
	C	2	2	2	1	1	1	1	1	3	2
	B	2	2	2	1	1	1	1	1	3	2
	A	2	2	2	1	1	1	1	1	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X61 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	1	2	2	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X62 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X63 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	4	2	4
	C	2	2	2	2	2	2	2	4	2	4
	B	2	2	2	2	2	2	2	4	2	4
	A	2	2	2	2	2	2	2	4	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X64 SEE NOTE 10 LEAD FREE OPTION	D	2	2	4	2	2	2	2	2	2	4
	C	2	2	4	2	2	2	2	2	2	4
	B	2	2	4	4	2	2	2	2	2	4
	A	2	2	4	4	2	2	2	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X65 SEE NOTE 10 LEAD FREE OPTION	D	3	4	2	3	2	2	2	4	2	2
	C	3	2	2	3	2	2	2	4	2	2
	B	3	2	2	3	3	2	2	4	2	2
	A	3	2	2	3	3	2	2	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X66 SEE NOTE 10 LEAD FREE OPTION	D	3	3	2	2	4	4	4	4	4	4
	C	3	3	2	2	4	4	4	4	4	4
	B	3	3	2	2	4	4	4	4	4	4
	A	3	3	2	2	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X67 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	4	4	4	4	2
	C	2	2	2	2	2	4	4	4	4	2
	B	2	2	2	2	2	4	4	4	4	2
	A	2	2	2	2	2	4	4	4	4	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X68 SEE NOTE 10 LEAD FREE OPTION	D	2	4	2	2	2	2	2	2	3	4
	C	2	4	2	2	2	2	2	2	3	4
	B	2	4	2	2	2	2	2	2	3	4
	A	2	4	2	2	2	2	2	2	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X69 SEE NOTE 10 LEAD FREE OPTION	D	4	4	4	4	3	3	3	4	2	3
	C	4	4	4	4	3	3	3	2	3	2
	B	4	4	4	4	3	3	3	2	3	2
	A	4	4	4	4	3	3	3	2	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X70 SEE NOTE 10 LEAD FREE OPTION	D	4	4	4	4	2	4	2	2	4	2
	C	4	4	4	4	2	4	2	2	4	2
	B	4	4	4	4	2	4	2	2	4	2
	A	4	4	4	4	2	4	2	2	4	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X71 SEE NOTE 10 LEAD FREE OPTION	D	4	4	2	2	2	2	2	2	2	2
	C	4	4	2	2	2	2	2	2	2	2
	B	4	4	2	2	2	2	2	2	2	2
	A	4	4	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X72 SEE NOTE 10 LEAD FREE OPTION	D	3	4	4	4	4	4	4	4	4	4
	C	3	4	4	4	4	4	4	4	4	4
	B	3	4	4	4	4	4	4	4	4	4
	A	3	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X73 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	4	2
	C	2	2	2	2	2	2	2	2	4	2
	B	2	2	2	2	2	2	2	2	4	2
	A	2	2	2	2	2	2	2	2	4	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X74 SEE NOTE 10 LEAD FREE OPTION	D	6	6	6	6	6	6	6	6	8	6
	C	6	6	6	6	6	6	6	6	8	6
	B	6	6	6	6	6	6	6	6	8	6
	A	6	6	6	6	6	6	6	6	8	6

mat'l code		- -		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title			
BJ					0.XX ±0.13			METRAL SIGNAL HEADER			
				angles	.XXX ±.051			2 MOD, 4 ROW PRESS-FIT			
				dr	0° ±2°			product family		METRAL	code
				enrg	T.BRUNGARD 11/19/99	scale		size	dwg no	213	sheet
				chr	M.STRAWER 11/19/99	1:1	A	89074		7	
				appd	M.STRAWER 02/29/00						
sheet index	revision sheet										

cage code 22526

Pro/E

3

4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X75 SEE NOTE 10 LEAD FREE OPTION	D	6	6	6	6	6	6	6	7	7	6	8	8
	C	6	6	6	6	6	6	6	7	7	6	8	8
	B	6	6	6	6	6	6	6	7	7	6	8	8
	A	6	6	6	6	6	6	6	7	7	6	8	8

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X81 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	3	3
	C	2	2	2	2	2	2	2	2	2	2	3	3
	B	2	2	2	2	2	2	2	2	2	2	3	3
	A	2	2	2	2	2	2	2	2	2	2	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	
89074-X86 SEE NOTE 10 LEAD FREE OPTION	D	-	-	2	2	2	-	-	4	2	2	4	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	-	-	-	-	-	-	4	4	4	4	19	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X76 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	4	2	2	2	2	2
	C	2	2	2	2	2	2	4	2	2	2	2	2
	B	2	2	2	2	2	2	4	2	2	2	2	2
	A	2	2	2	2	2	2	4	2	2	2	2	1

[illegible][illegible][illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X83 SEE NOTE 10 LEAD FREE OPTION	D	6	6	7	7	6	6	6	7	7	6	8	8
	C	6	6	7	7	6	6	6	7	7	6	8	8
	B	6	6	7	7	6	6	6	7	7	6	8	8
	A	6	6	7	7	6	6	6	7	7	6	8	8

METAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2				
		1	2	3	4	5	6	7	8	9	10	11
89074-X88 SEE NOTE 10 LEAD FREE OPTION	D	4	-	2	4	4	2	-	4	2	-	4
	C	4	-	4	4	4	2	-	4	2	-	4
	B	4	-	-	4	4	2	2	4	2	2	4
	A	4	-	-	4	4	2	2	4	2	2	4

[illegible][illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X89 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X85 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1
	A	2	2	2	2	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89074-X90 SEE NOTE 10 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	1	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X80 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	3	3	3
	C	2	2	2	2	2	2	2	2	2	3	3	3
	B	2	2	2	2	2	2	2	2	2	3	3	3
	A	2	2	2	2	2	2	2	2	2	3	3	3

[illegible]



This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

REV E - 2006-04-18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X91 SEE NOTE 10 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	5	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X92 SEE NOTE 10 LEAD FREE OPTION	D	1	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3
	A	1	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X93 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	3	2	2	3
	C	2	2	2	2	2	2	2	2	3	2	2	3
	B	2	2	2	2	2	2	2	2	3	2	2	3
	A	2	2	2	2	2	2	2	2	3	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X94 SEE NOTE 10 LEAD FREE OPTION	D	3	2	1	1	2	2	2	2	3	2	2	2
	C	3	2	1	1	2	2	1	2	3	2	2	2
	B	3	2	1	1	2	1	1	2	3	2	2	2
	A	3	2	1	1	2	1	2	2	3	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X95 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	4	2	4	2	4	2
	C	2	2	2	2	4	2	2	4	2	4	2	4
	B	2	2	2	2	2	2	4	2	4	2	4	2
	A	2	2	2	2	2	2	4	2	4	2	4	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X96 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	
	C	2	2	2	2	2	2	2	2	2	2	2	
	B	2	2	2	2	2	2	2	2	2	2	2	4
	A	2	2	2	2	2	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X97 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	3
	A	2	2	2	2	2	2	2	2	2	2	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X98 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	4	4
	C	2	2	2	2	2	2	2	2	1	2	4	4
	B	2	2	2	2	2	2	2	2	2	2	4	4
	A	2	2	2	2	2	2	2	2	2	2	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X99 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	4	2	2	4	3	3	4	4
	C	2	2	2	2	4	2	2	4	3	3	4	4
	B	2	2	2	2	4	2	2	4	3	3	4	4
	A	2	2	2	2	4	2	2	4	3	3	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X100 SEE NOTE 10 LEAD FREE OPTION	D	19	2	2	2	2	2	2	1	2	19	3	2
	C	19	2	2	2	2	2	2	1	2	19	3	2
	B	19	2	2	2	2	2	2	2	1	19	2	
	A	19	2	2	2	2	2	2	2	2	19	3	

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X101 SEE NOTE 10 LEAD FREE OPTION	D	19	2	2	2	19	2	2	19	2	2	2	3
	C	19	2	1	2	19	2	2	19	2	2	2	3
	B	19	2	19	2	19	2	2	19	2	1	2	3
	A	19	2	1	2	19	2	2	19	2	1	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X102 SEE NOTE 10 LEAD FREE OPTION	D	19	2	1	2	2	1	2	2	2	19	3	2
	C	19	2	1	2	2	2	1	2	2	19	3	2
	B	19	19	1	2	2	2	1	2	2	1	19	2
	A	19	1	2	2	1	2	2	2	2	19	3	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	
89074-X103 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	2	1	
	C	2	1	1	2	2	2	2	2	2	1	2	
	B	2	2	2	2	2	2	2	2	19	2	2	
	A	1	2	1	1	1	2	2	2	2	1	2	

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X104 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr				linear		COPY		www.fciconnect.com	
BJ						projection		title	
								METRAL SIGNAL HEADER	
								2 MOD, 4 ROW PRESS-FIT	
				angles				product family	
				dr		T.BRUNGARD 11/19/99		METRAL	
				enrg		M.STRAWER 11/19/99		code	
				chr		M.STRAWER 11/19/99		213	
				appd		M.STRAWER 02/29/00		sheet	
						scale		9	
						1:1		89074	
sheet index		revision sheet							

cage code 22526

Pro/E

3

4

This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.



A

B

REV E - 2006-04-18

1 | 2

3 |

4

PRODUCT NUMBER

89074-XYX

89074-XYXLF

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:
55422-XYX IS SnPb
55422-XYXLF 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.
- 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.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

10. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 89074-X01LF

PLATING IN CONTACT AREA

DASH NUMBER	PERFORMANCE LEVEL	NOTES
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

A

B

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY			title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT		
BJ					0.XX ±0.13	projection					
					.XXX ±.051						
					angles 0° ±2°	scale					
				dr	T.BRUNGARD 11/19/99	MIM		product family		METRAL	code
				enrg	M.STRAWER 11/19/99	A		size		dwg no	213
				chr	M.STRAWER 11/19/99	1:1		89074		sheet	
				appd	M.STRAWER 02/29/00					10	
sheet index		revision sheet									

Pro/E

3 |

cage code 22526

4