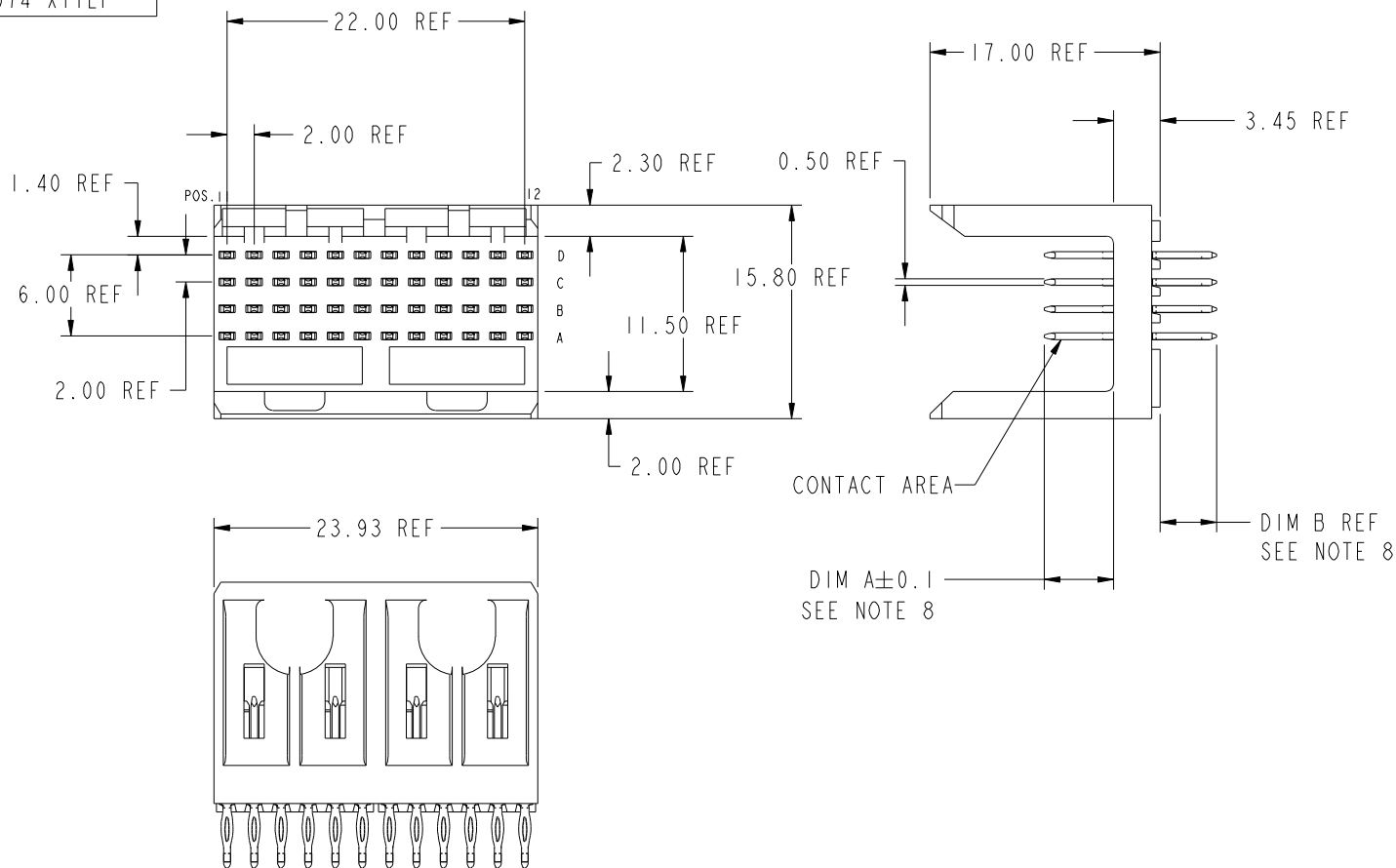




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REV E - 2006-04-18

PRODUCT NUMBER
89074-XXX
89074-XXYLF



mat'l code				- -				tolerances unless otherwise specified				CUSTOMER							
ltr		ecn no.		dr		date		linear		0.X ±0.3		projection		COPY		www.fciconnect.com			
BG		V06-0573		DCH		2006-06-14				0.XX ±0.13				title		METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT			
BH		DG10-0008		TER		2010-01-07				.XXX ±.051									
BJ		DG10-0214		TER		2010-06-07		angles		0° ±2°									
-		-		-		-		dr		T.BRUNGARD 11/19/99				product family		METRAL			
BD		V03-1209		HTB		11/10/03		engr		M.STRAWSER 11/19/99						size		dwg no	
BE		V04-0795		TAB		08/16/04		chr		M.STRAWSER 11/19/99		scale		A		89074		sheet	
BF		V05-0030		DAI		02/11/05		appd		M.STRAWSER 02/29/00								2:1	
sheet		revision		BJ		BJ		BJ		BJ		BJ		BJ		BJ			
index		sheet		1		2		3		4		5		6		7		8 9 10	

Pro/E

cage code 22526

PDM: Rev:BJ

STATUS:Released

Printed: Jun 10, 2010



B

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

[illegible]

cage code	22526
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X01 SEE NOTE 10 LEAD FREE OPTION	D	3	2	1	1	1	1	1	3	2	3	2	3
	C	3	3	1	1	1	1	1	3	2	3	2	3
	B	3	2	1	1	1	1	1	3	2	3	2	3
	A	3	1	1	1	1	1	1	3	2	3	2	3

[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-X02 SEE NOTE 10 LEAD FREE OPTION	D	1	3	1	1	1	1	1	1	1	3	1	3
	C	1	3	1	1	1	1	1	1	1	3	1	3
	B	1	3	1	1	1	1	1	1	1	3	1	3
	A	1	3	1	1	1	1	1	1	1	3	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X08 SEE NOTE 10 LEAD FREE OPTION	D	3	2	3	2	3	3	3	3	2	3	2	2
	C	3	2	3	2	3	3	3	3	2	3	2	2
	B	3	2	3	2	3	3	3	3	2	3	2	2
	A	3	2	3	2	3	3	3	3	2	3	2	2

METAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11
89074-X12 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	3	2	2	2	2
	C	3	2	2	2	2	2	3	2	2	2	2
	B	3	2	2	2	2	2	3	2	2	2	2
	A	3	2	2	2	2	2	3	2	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-X03 SEE NOTE 10 LEAD FREE OPTION	D	3	2	1	1	2	2	2	2	3	2	2	1
	C	3	2	1	1	2	2	2	2	3	2	2	1
	B	3	2	1	1	2	2	2	2	3	2	2	2
	A	3	2	1	1	2	2	2	1	3	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-X13 SEE NOTE 10 LEAD FREE OPTION	D	7	6	6	6	6	6	6	6	6	6	6	6
	C	7	6	6	6	6	6	6	6	6	6	6	6
	B	7	6	6	6	6	6	6	6	6	6	6	6
	A	7	6	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	11	12
89074-X04 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	2	2	2	2	2	3
	C	3	2	2	2	2	2	2	2	2	2	2	3
	B	3	2	2	2	2	2	2	2	2	2	2	3
	A	3	2	2	2	2	2	2	2	2	3	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X10 SEE NOTE 10 LEAD FREE OPTION	D	3	2	2	2	2	2	3	3	3	2	4	4
	C	3	2	2	2	2	2	3	3	3	2	4	4
	B	3	2	2	2	2	2	3	3	3	2	4	4
	A	3	2	2	2	2	2	3	3	3	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-X14 SEE NOTE 10 LEAD FREE OPTION	D	7	6	6	6	6	6	7	6	6	6	6	6
	C	7	6	6	6	6	6	7	6	6	6	6	6
	B	7	6	6	6	6	6	7	6	6	6	6	6
	A	7	6	6	6	6	6	7	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	11	12
89074-X05 SEE NOTE 10 LEAD FREE OPTION	D	3	1	1	1	1	1	1	3	2	3	2	3
	C	3	1	1	1	1	1	1	3	2	3	2	3
	B	3	1	1	1	1	1	1	3	2	3	2	3
	A	3	1	1	1	1	1	1	3	2	2	2	3

[illegible][illegible]



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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	title METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT
BJ					0.XX ±0.13		
					.XXX ±.051		
					0° ±2°		
				angles	0° ±2°	product family size A	METRAL code 213 sheet 4
				dr	T.BRUNGARD 11/19/99		
				enrg	M.STRAWSE 11/19/99		
				chr	M.STRAWSE 11/19/99		
				appd	M.STRAWSE 02/29/00	cage code 22526	4
sheet	revision						
index	sheet						

Pro/E

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cage code 22526

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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		title		METRAL SIGNAL HEADER	
BJ					0.XX ±0.13	projection		product family		METRAL	
				angles	.XXX ±.051	MIM		size		213	
				dr	0° ±2°	scale		dwg no		sheet	
				enrg	T.BRUNGARD 11/19/99	1:1		A		6	
				chr	M.STRAWSE 11/19/99						
				appd	M.STRAWSE 02/29/00						
sheet	revision										
index	sheet										

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cage code 22526

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	
89074-X65 SEE NOTE 10 LEAD FREE OPTION	D	3	4	2	3	4	5	6	7	8	9	10	11
	C	3	2	2	3	2	2	2	4	2	2	2	2
	B	3	2	2	3	3	2	2	4	2	2	2	2
	A	3	2	2	3	3	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	11
89074-X70 SEE NOTE 10 LEAD FREE OPTION	D	4	4	4	4	4	2	2	4	2	2	
	C	4	4	4	4	2	4	2	2	4	2	2
	B	4	4	4	4	2	4	2	2	4	4	2
	A	4	4	4	4	2	4	2	2	4	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-X60 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	1	1	1	1	1	1	3	2	3
	C	2	2	2	1	1	1	1	1	1	3	2	3
	B	2	2	2	1	1	1	1	1	1	3	2	3
	A	2	2	2	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	11	12
89074-X66 SEE NOTE 10 LEAD FREE OPTION	D	3	3	2	2	4	4	4	4	4	4	4	4
	C	3	3	2	2	4	4	4	4	4	4	4	4
	B	3	3	2	2	4	4	4	4	4	4	4	4
	A	3	3	2	2	4	4	4	4	4	4	4	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-X67 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	4	4	4	4	4	2	2
	C	2	2	2	2	2	4	4	4	4	4	2	2
	B	2	2	2	2	2	4	4	4	4	4	2	2
	A	2	2	2	2	2	4	4	4	4	4	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-X62 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	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-X68 SEE NOTE 10 LEAD FREE OPTION	D	2	4	2	2	2	2	2	2	3	4	3	
	C	2	4	2	2	2	2	2	2	3	4	3	
	B	2	4	2	2	2	2	2	2	3	4	3	
	A	2	4	2	2	2	2	2	2	3	4	3	

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2						
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X63 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	4	2	2	4
	C	2	2	2	2	2	2	2	2	4	2	2	4
	B	2	2	2	2	2	2	2	2	4	2	2	4
	A	2	2	2	2	2	2	2	2	4	2	2	4

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X69 SEE NOTE 10 LEAD FREE OPTION	D	4	4	4	4	3	3	3	4	2	3	2	2
	C	4	4	4	4	3	3	3	2	2	3	2	2
	B	4	4	4	4	3	3	3	2	2	3	3	2
	A	4	4	4	4	3	3	3	2	2	3	3	2

[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. I						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
89074-X64 SEE NOTE 10 LEAD FREE OPTION	D	2	2	4	2	2	2	2	2	2	2	2	4
	C	2	2	4	4	2	2	2	2	2	2	2	4
	B	2	2	4	4	2	2	2	2	2	2	2	4
	A	2	2	4	4	2	2	2	2	2	2	2	4

[illegible]



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X75 SEE NOTE 10 LEAD FREE OPTION	D	6	6	6	6	6	6	6	7	7	6
	C	6	6	6	6	6	6	6	7	7	6
	B	6	6	6	6	6	6	6	7	7	6
	A	6	6	6	6	6	6	6	7	7	6
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X76 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	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X77 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	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-X78 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-X79 SEE NOTE 10 LEAD FREE OPTION	D	1	3	3	3	3	3	3	3	3	3
	C	1	3	3	3	3	3	3	3	3	3
	B	1	3	3	3	3	3	3	3	3	3
	A	1	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
89074-X80 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	3	3
	C	2	2	2	2	2	2	2	2	3	3
	B	2	2	2	2	2	2	2	2	3	3
	A	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
89074-X81 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	3
	C	2	2	2	2	2	2	2	2	2	3
	B	2	2	2	2	2	2	2	2	2	3
	A	2	2	2	2	2	2	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-X82 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	19	1	19	1	1	1
	C	19	1	1	1	19	1	19	1	1	1
	B	1	1	1	1	19	1	1	1	1	19
	A	1	1	1	19	1	19	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-X83 SEE NOTE 10 LEAD FREE OPTION	D	6	6	7	7	6	6	6	7	7	6
	C	6	6	7	7	6	6	6	7	7	6
	B	6	6	7	7	6	6	6	7	7	6
	A	6	6	7	7	6	6	6	7	7	6
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X84 SEE NOTE 10 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	1	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
89074-X85 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	2	2	2	2	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-X86 SEE NOTE 10 LEAD FREE OPTION	D	-	-	2	2	-	-	4	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	-	-	-	-	-	-	4	4	4	19
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X87 SEE NOTE 10 LEAD FREE OPTION	D	1	1	1	1	1	1	1	3	1	1
	C	1	1	1	1	1	1	1	1	1	1
	B	3	3	3	3	3	3	3	3	3	1
	A	1	1	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
89074-X88 SEE NOTE 10 LEAD FREE OPTION	D	4	-	2	4	4	2	-	4	2	-
	C	4	-	4	4	4	2	-	4	2	-
	B	4	-	-	4	4	2	2	4	2	4
	A	4	-	-	4	4	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-X89 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	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	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X90 SEE NOTE 10 LEAD FREE OPTION	D	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	1	3	3	3	3	3	3

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			size		dwg no	213
				chr	M.STRAWSE 11/19/99	scale		A		89074	sheet
				appd	M.STRAWSE 02/29/00	1:1					8
sheet	revision										
index	sheet										

Pro/E

cage code
22526

PDM: Rev:BJ

STATUS:Released

Printed: Jun 10, 2010



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X91 SEE NOTE 10 LEAD FREE OPTION	D	7	7	7	7	7	7	7	7	7	7
	C	7	7	7	7	7	7	7	7	7	7
	B	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	5	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-X92 SEE NOTE 10 LEAD FREE OPTION	D	1	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	1	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
89074-X93 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	3	2	3
	C	2	2	2	2	2	2	2	3	2	3
	B	2	2	2	2	2	2	2	3	2	3
	A	2	2	2	2	2	2	2	3	2	3

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

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X95 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	4	2	4	2
	C	2	2	2	2	4	2	2	4	2	4
	B	2	2	2	2	2	2	4	2	4	2
	A	2	2	2	2	2	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
89074-X96 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	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-X97 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	3
	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-X98 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	4	4
	C	2	2	2	2	2	2	2	1	2	4
	B	2	2	2	2	2	2	2	2	2	4
	A	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
89074-X99 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	4	2	2	4	3	4
	C	2	2	2	2	4	2	2	4	3	4
	B	2	2	2	2	4	2	2	4	3	4
	A	2	2	2	2	4	2	2	4	3	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X100 SEE NOTE 10 LEAD FREE OPTION	D	1	9	2	2	2	2	2	1	2	1
	C	1	9	2	2	2	2	2	1	2	1
	B	1	9	2	2	2	2	2	2	1	1
	A	1	9	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-X101 SEE NOTE 10 LEAD FREE OPTION	D	1	9	2	2	1	9	2	2	1	9
	C	1	9	2	1	2	1	9	2	2	3
	B	1	9	2	1	9	2	1	9	2	3
	A	1	9	2	1	2	1	9	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
89074-X102 SEE NOTE 10 LEAD FREE OPTION	D	1	9	2	1	2	2	1	2	2	1
	C	1	9	2	1	2	2	2	1	2	1
	B	1	9	1	1	2	2	2	1	2	1
	A	1	9	1	2	2	1	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-X103 SEE NOTE 10 LEAD FREE OPTION	D	2	2	2	2	2	2	2	2	2	1
	C	2	1	1	2	2	2	2	2	2	1
	B	2	2	2	2	2	2	2	2	1	9
	A	1	2	1	1	1	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
89074-X104 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	3	3	3	3	3	1	1	1	1
	A	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	
						angles		2 MOD, 4 ROW PRESS-FIT	
				dr		T.BRUNGARD		product family	
				enrg		M.STRAWER		METRAL	
				chr		M.STRAWER		code	
				appd		M.STRAWER		213	
						scale		sheet	
						1:1		9	
sheet index		revision sheet							

Pro/E

cage code 22526



PRODUCT NUMBER
89074-XYX
89074-XYLFF

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-XYLFF 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

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



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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