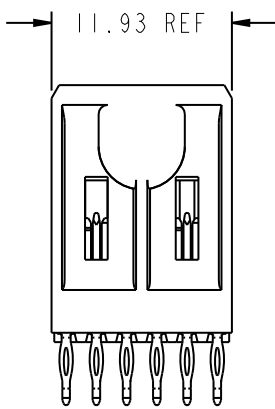
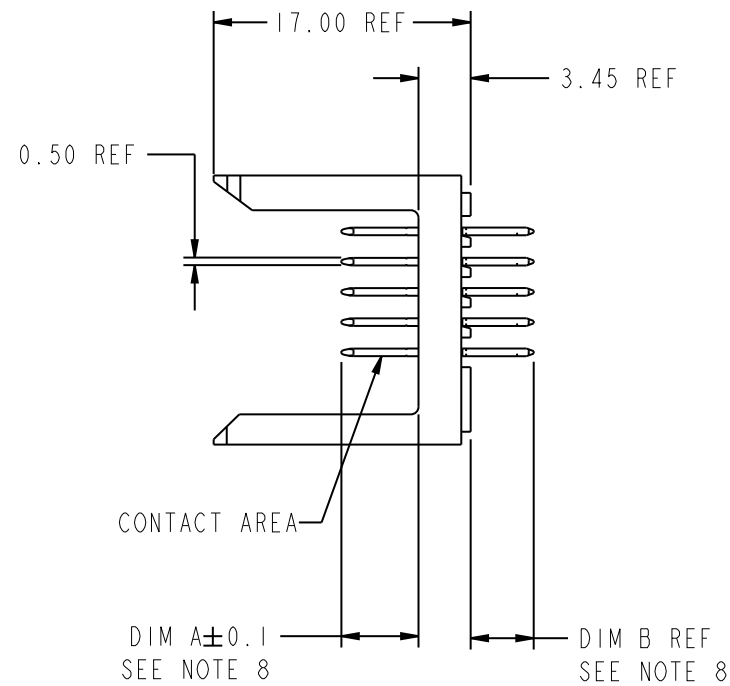
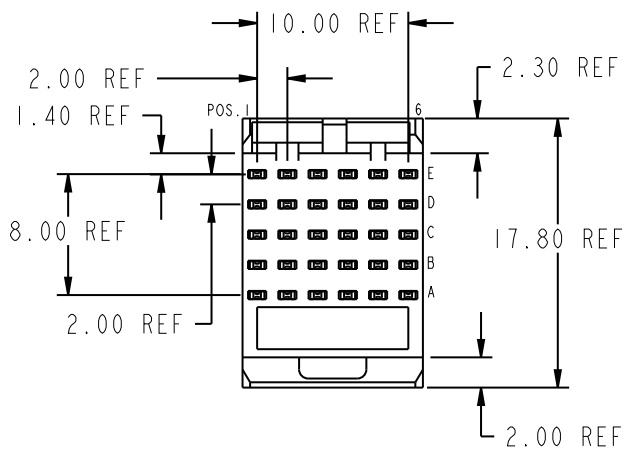




PRODUCT NUMBER
89025-XYX
89025-XYXLF



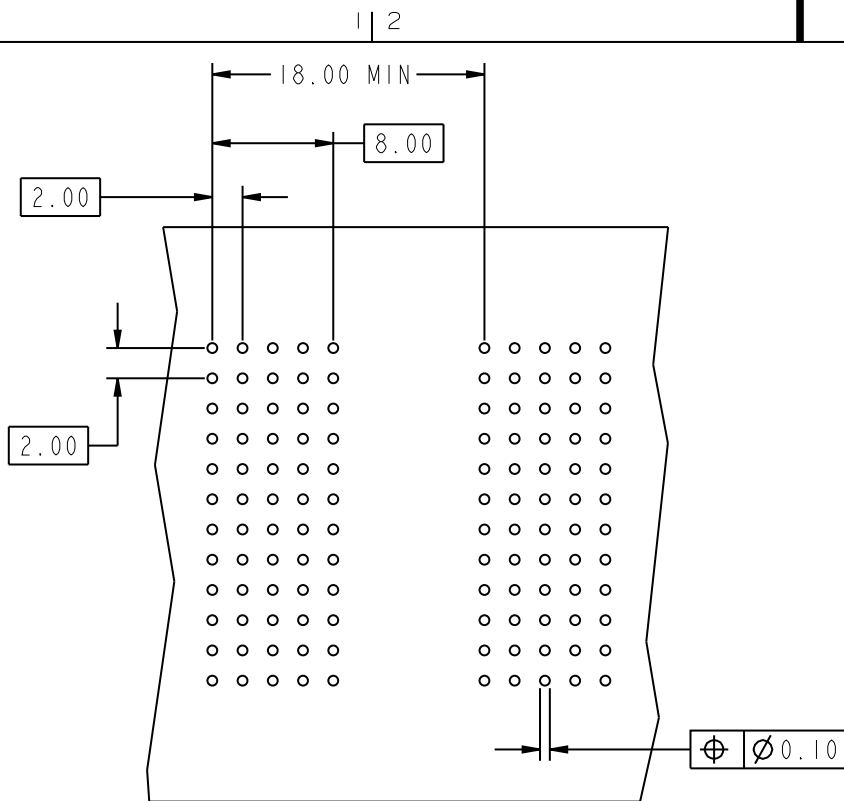
mat'l code				--		tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3				COPY			title			
CP	V06-0573	DCH	2006-06-14		0.XX ±0.13				projection			METRAL SIGNAL HEADER			
CR	DG09-0256	TER	2009-08-19		.XXX ±.051							1 MOD, 5 ROW PRESS-FIT			
-	-	-	-	angles	0° ±2°						product family		METRAL		code
CK	V03-0031	TAB	02/08/03	dr	T.BRUNGARD 11/19/99				MM		size		dwg no		213
CL	V03-1321	DAI	01/15/04	enrg	M.STRAWSER 11/19/99				scale		A				sheet
CM	V04-0459	LP	5/25/04	chr	M.STRAWSER 11/19/99				2:1				89025		1 of 8
CN	V05-0030	DAI	02/10/05	appd	M.STRAWSER 02/29/00										
sheet		revision		CR	CR	CR	CR	CR	CR	CR					
index		sheet		1	2	3	4	5	6	7	8				

Pro/E



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REV E - 2006-04-10



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
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
23	8.00	17.70
24	6.50	16.30
25	5.75	15.60
26	5.00	14.90
27	5.75	12.40
29	8.00	14.60

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
32	6.50	12.90
38	7.25	14.40
39	8.00	14.40
40	5.00	15.60
41	6.50	15.60
44	5.75	12.10
45	6.50	12.10
49	5.75	15.10
54	5.00	11.50

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	0.X ±0.3			projection	COPY	title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
CR					0.XX ±0.13						
					.XXX ±.051						
				angles	0° ±2°			MM scale 1:1	product family METRAL	code 213 sheet 2	
				dr	T.BRUNGARD	11/19/99					
				enr	M.STRAWSE	11/19/99					
				chr	M.STRAWSE	11/19/99	size A		dwg no 89025		
				appd	M.STRAWSE	02/29/00					
sheet index	revision sheet									cage code 22526	

Pro/E

PDM: Rev:CR

STATUS:Released

Printed: Sep 16, 2009



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89025-X01 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	89025-X05 SEE NOTE 10 LEAD FREE OPTION	E	26	12	12	12	23	89025-X09 SEE NOTE 10 LEAD FREE OPTION	E	21	21	11	11	10	89025-X13 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	89025-X17 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2
	D	10	10	10	10	10		D	26	12	12	12	23		D	21	21	11	11	11		D	9	9	9	9	9		D	2	2	2	2	2
	C	9	9	9	9	9		C	23	12	12	12	23		C	21	21	11	11	11		C	10	10	10	10	10		C	4	4	4	4	4
	B	10	10	10	10	10		B	24	12	12	12	23		B	21	21	11	11	11		B	10	10	10	10	10		B	2	2	2	2	1
	A	3	3	3	3	3		A	24	12	12	12	23		A	21	21	11	11	11		A	2	2	2	2	2		A	2	2	2	2	2
89025-X02 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	3	89025-X06 SEE NOTE 10 LEAD FREE OPTION	E	25	25	25	25	25	89025-X10 SEE NOTE 10 LEAD FREE OPTION	E	3	19	3	3	19	89025-X14 SEE NOTE 10 LEAD FREE OPTION	E	25	25	25	25	25	89025-X18 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6
	D	2	2	2	3	2		D	25	25	25	25	25		D	19	3	3	19	3		D	25	25	25	25	25		D	6	6	6	6	6
	C	2	1	2	3	3		C	25	25	25	25	25		C	3	1	19	3	19		C	25	25	25	25	25		C	8	8	8	8	8
	B	2	2	2	3	2		B	25	25	25	25	25		B	3	19	3	19	3		B	25	25	25	25	25		B	6	6	6	6	5
	A	2	2	2	3	3		A	25	25	25	25	25		A	3	3	19	3	3		A	2	2	2	2	2		A	6	6	6	6	6
89025-X03 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	3	2	89025-X07 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	89025-X11 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	89025-X15 SEE NOTE 10 LEAD FREE OPTION	E	3	3	19	19	3	89025-X19 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	1	1
	D	2	2	2	3	2		D	6	6	6	6	6		D	10	10	10	10	10		D	3	3	19	19	3		D	3	3	3	3	3
	C	2	1	2	3	2		C	6	6	6	6	6		C	10	10	10	10	10		C	3	3	19	19	3		C	3	3	3	3	3
	B	2	2	2	3	2		B	6	6	6	6	6		B	10	10	10	10	10		B	3	3	19	19	3		B	3	3	3	3	3
	A	2	2	2	3	2		A	6	6	6	6	6		A	2	2	2	2	2		A	3	3	19	19	3		A	3	3	3	3	3
89025-X04 SEE NOTE 10 LEAD FREE OPTION	E	12	25	23	23	25	89025-X08 SEE NOTE 10 LEAD FREE OPTION	E	4	2	19	19	19	89025-X12 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	89025-X16 SEE NOTE 10 LEAD FREE OPTION	E	3	3	19	19	3	89025-X20 SEE NOTE 10 LEAD FREE OPTION	E	1	4	4	4	4
	D	12	25	23	23	25		D	4	2	19	19	19		D	9	9	9	9	9		D	3	3	19	19	3		D	1	4	4	4	4
	C	12	25	23	23	25		C	4	2	19	19	19		C	10	10	10	10	10		C	3	3	19	19	3		C	19	4	4	4	4
	B	12	25	23	23	25		B	4	2	19	19	19		B	10	10	10	10	10		B	3	3	19	19	3		B	3	4	4	4	4
	A	12	25	23	23	25		A	4	2	19	19	19		A	3	3	3	3	3		A	3	3	19	19	3		A	3	4	4	4	4

mat'l code

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tolerances unless
otherwise specified

linear

0.X ±0.3

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
index

revision
sheet

CUSTOMER

COPY

projection

title

METRAL SIGNAL HEADER

1 MOD, 5 ROW PRESS-FIT

product family

METRAL

code

213

size

dwg no

89025

sheet

3

scale

1:1

A

FCJ

www.fcconnect.com

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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ			
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fciconnect.com			
CR			0.XX ±0.13					title			
			.XXX ±.051					METRAL SIGNAL HEADER			
			0° ±2°					1 MOD, 5 ROW PRESS-FIT			
				angles			MM	product family			
		dr	T.BRUNGARD	11/19/99	METRAL			code			
		enrg	M.STRAWSE	11/19/99	size			dwg no	213		
		chr	M.STRAWSE	11/19/99	A			89025	sheet		
		appd	M.STRAWSE	02/29/00		3					
sheet	revision										
index	sheet										



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METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I									
89025-X21 SEE NOTE 10 LEAD FREE OPTION	E	25	25	25	25	25	25	89025-X25 SEE NOTE 10 LEAD FREE OPTION	E	-	-	-	-	-	-	89025-X29 SEE NOTE 10 LEAD FREE OPTION	E	-	-	-	-	-	-	89025-X33 SEE NOTE 10 LEAD FREE OPTION	E	25	25	25	25	25	25	89025-X37 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11
	D	40	40	40	40	40	40		D	3	3	3	3	3	3		D	1	1	1	1	1	1		D	40	40	40	40	40	40		D	11	11	40	11	11	11
	C	25	25	25	25	25	25		C	3	3	3	3	3	3		C	1	1	1	1	1	1		C	25	25	25	25	25	25		C	11	11	11	11	11	11
	B	25	25	25	25	25	25		B	3	3	3	3	3	3		B	1	1	1	1	1	1		B	25	25	25	25	25	25		B	11	11	11	11	11	11
	A	3	3	3	3	3	3		A	3	3	3	3	3	3		A	1	1	1	1	1	1		A	41	41	41	41	41	41		A	11	11	11	11	11	11
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I									
89025-X22 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	89025-X26 SEE NOTE 10 LEAD FREE OPTION	E	-	-	-	-	-	-	89025-X30 SEE NOTE 10 LEAD FREE OPTION	E	1	4	1	1	1	1	89025-X34 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	13	13	13	89025-X38 SEE NOTE 10 LEAD FREE OPTION	E	49	49	49	49	49	49
	D	1	1	1	1	1	1		D	3	3	-	-	-	-		D	1	1	1	1	1	4		D	4	4	4	13	13	13		D	49	49	49	49	49	49
	C	1	1	1	1	1	1		C	3	3	-	-	-	-		C	1	1	1	4	1	1		C	4	4	4	13	13	13		C	49	49	49	49	49	49
	B	19	4	4	4	4	4		B	3	3	-	-	-	-		B	1	4	1	1	1	1		B	4	4	4	13	13	13		B	49	49	49	49	49	49
	A	1	1	1	1	1	1		A	3	3	-	-	-	-		A	1	1	1	1	1	4		A	4	4	4	13	13	13		A	49	49	49	49	49	49
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I									
89025-X23 SEE NOTE 10 LEAD FREE OPTION	E	2	-	2	-	2	-	89025-X27 SEE NOTE 10 LEAD FREE OPTION	E	32	32	32	32	32	32	89025-X31 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	3	1	1	89025-X35 SEE NOTE 10 LEAD FREE OPTION	E	11	11	11	11	11	11	89025-X39 SEE NOTE 10 LEAD FREE OPTION	E	44	44	44	44	44	44
	D	-	-	-	-	-	-		D	32	32	32	32	32	32		D	1	1	1	3	1	1		D	40	11	11	11	11	11		D	44	44	44	44	44	44
	C	2	-	2	-	2	-		C	32	32	32	32	32	32		C	3	3	1	3	1	1		C	11	11	11	11	11	11		C	44	44	44	44	44	44
	B	-	-	-	-	-	-		B	32	32	32	32	32	32		B	1	1	1	1	1	1		B	11	11	11	11	11	11		B	44	44	44	44	44	44
	A	2	-	2	-	2	-		A	32	32	32	32	32	32		A	4	4	4	4	4	4		A	11	11	11	11	11	11		A	44	44	44	44	44	44
METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I						METRAL P/N		ROW	CONTACT CODE MOD. I									
89025-X24 SEE NOTE 10 LEAD FREE OPTION	E	4	2	2	2	2	2	89025-X28 SEE NOTE 10 LEAD FREE OPTION	E	-	-	-	-	-	-	89025-X32 SEE NOTE 10 LEAD FREE OPTION	E	45	45	45	45	45	45	89025-X36 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	14	14	14	89025-X40 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	15	15	15
	D	4	2	2	2	2	2		D	1	1	1	1	1	D		45	45	45	45	45	45	D		8	8	8	14	14	14	D		12	12	12	15	15	15	
	C	4	2	2	2	2	2		C	1	1	1	1	1	C		45	45	45	45	45	45	C		8	8	8	14	14	14	C		12	12	12	15	15	15	
	B	4	2	2	2	2	2		B	1	1	1	1	1	B		45	45	45	45	45	45	B		8	8	8	14	14	14	B		12	12	12	15	15	15	
	A	4	2	2	2	2	2		A	1	1	1	1	1	A		45	45	45	45	45	45	A		8	8	8	14	14	14	A		12	12	12	15	15	15	

mat'l code

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tolerances unless otherwise specified

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ecn no.

dr

date

linear

0. x ±0.3

0. xx ±0.13

.xxx ±.051

0° ±°

angles

dr

T.BRUNGARD

11/19/99

enrg

M. STRAWSER

11/19/99

chr

M. STRAWSER

11/19/99

appd

M. STRAWSER

02/29/00

sheet index

revision sheet

CUSTOMER

COPY

projection

title

METRAL SIGNAL HEADER

1 MOD, 5 ROW PRESS-FIT

product family

METRAL

code

213

size

dwg no

89025

sheet

4

scale

1:1

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mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fcjconnect.com			
lfr	ecn no.	dr	date	linear	0.X ± 0.3			COPY					
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				angles	dr	T.BRUNGARD	11/19/99	MM		product family			
					enrg	M.STRAWSE	11/19/99	1:1		METRAL			
					chr	M.STRAWSE	11/19/99			code			
					appd	M.STRAWSE	02/29/00			213			
sheet		revision								size		dwg no	
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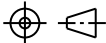


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METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I													
89025-X41 SEE NOTE 10 LEAD FREE OPTION	E	1	-	-	1	-	1	-	1	89025-X45 SEE NOTE 10 LEAD FREE OPTION	E	1	3	3	3	3	3	89025-X49 SEE NOTE 10 LEAD FREE OPTION	E	1	1	-	1	1	-	1	1	-	89025-X53 SEE NOTE 10 LEAD FREE OPTION	E	7	5	5	5	5	89025-X57 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4				
	D	1	-	-	1	-	1	D	3		3	3	3	3	D	1	1		-	1	1	-	D	7	5	5	5	5		D	13	4	4	4	4		4										
	C	1	-	-	1	-	1	C	3		3	3	3	3	C	-	-		-	-	-	C	7	5	5	5	5	C		13	4	4	4	4	4												
	B	1	-	-	1	-	1	B	3		3	3	3	3	B	1	1		-	1	1	-	B	7	5	5	5	5		B	4	4	4	4	4		4										
	A	1	-	-	1	-	1	A	3		3	3	3	3	A	1	1		-	1	1	-	A	7	5	5	5	5		A	13	13	13	13	13		13										
METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I													
89025-X42 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4	4	89025-X46 SEE NOTE 10 LEAD FREE OPTION	E	1	9	1	9	1	9	1	89025-X50 SEE NOTE 10 LEAD FREE OPTION	E	1	1	9	1	9	1	9	1	89025-X54 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	2	89025-X58 SEE NOTE 10 LEAD FREE OPTION	E	2	0	7	7	7	7	7			
	D	4	4	4	4	4	4	D		1	9	1	9	1	9	1	D		1	1	9	1	9	1	D	2	2		2	2	2	2	D	2	0		7	7	7	7	7						
	C	4	4	4	4	4	4	C		1	9	1	9	1	9	1	C		1	1	9	1	9	1	C	2	2		2	2	2	2	C	2	0		7	7	7	7	7						
	B	1	9	1	9	1	9	1		B	1	9	1	9	1	9	1		B	1	1	9	1	9	1	B	2		2	2	2	2	2	B	2		0	7	7	7	7	7					
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89025-X43 SEE NOTE 10 LEAD FREE OPTION	E	1	9	1	9	1	9	1	89025-X47 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	4	4	89025-X51 SEE NOTE 10 LEAD FREE OPTION	E	-	2	-	2	-	2	89025-X55 SEE NOTE 10 LEAD FREE OPTION	E	1	9	1	9	1	9	1	89025-X59 SEE NOTE 10 LEAD FREE OPTION	E	1	9	3	3	3	3	3					
	D	1	9	1	9	1	9	1		D	2	2	2	2	4	4		D	-	-	-	-	-	D		1	1	9	1	9	1	D	1		1	9	1	9	1	D	1	9	3	3	3	3	3
	C	4	4	4	4	4	4	C		2	2	2	2	2	2	C		-	2	-	2	-	2	C		1	1	9	1	9	1	C	1		1	9	1	9	1	C	1	9	3	3	3	3	3
	B	4	4	4	4	4	4	B		2	2	2	2	1	9	1		B	-	-	-	-	-	B		1	1	9	1	9	1	B	1		1	9	1	9	1	B	1	9	3	3	3	3	3
	A	4	4	4	4	4	4	A		2	2	2	2	1	9	1		A	-	2	-	2	-	2		A	1	1	9	1	9	1	A		1	1	9	1	9	1	A	1	9	3	3	3	3
METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I													
89025-X44 SEE NOTE 10 LEAD FREE OPTION	E	2	0	2	0	2	0	2	89025-X48 SEE NOTE 10 LEAD FREE OPTION	E	3	-	3	-	3	-	89025-X52 SEE NOTE 10 LEAD FREE OPTION	E	1	3	3	3	3	1	89025-X56 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	89025-X60 SEE NOTE 10 LEAD FREE OPTION	E	1	9	1	9	1	9	-							
	D	2	0	2	0	2	0	D		3	-	3	-	3	-	D		3	3	3	3	3	1	D		7	7	4	4	7	7		D	1	9	1	9	1	9	-							
	C	8	8	8	8	8	8	C		-	-	-	-	-	C	3		3	3	3	3	1	C	7		7	7	7	7	7	C		1	9	1	9	1	9	-								
	B	8	8	8	8	8	8	B		3	-	3	-	3	-	B		3	3	3	3	3	1	B		7	7	7	7	7	7		B	1	9	1	9	1	9	-							
	A	8	8	8	8	8	8	A		3	-	3	-	3	-	A		3	3	3	3	3	1	A		7	7	7	7	7	7		A	1	9	1	9	1	9	-							

mat'l code				tolerances unless otherwise specified				CUSTOMER		www.fciconnect.com				
lfr	ecn no.	dr	date	linear	0.X ±0.3			COPY			title			
CR					0.XX ±0.13			projection			METRAL SIGNAL HEADER			
					.XXX ±.051						1 MOD, 5 ROW PRESS-FIT			
					0° ±2°									
				angles										
				dr	T.BRUNGARD	11/19/99					product family		METRAL	code
				engr	M.STRAWSE	11/19/99					size		dwg no	213
				chr	M.STRAWSE	11/19/99					A		89025	sheet
				appd	M.STRAWSE	02/29/00							5	
sheet index		revision sheet												



1						2						3						4																				
METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I											
89025-X61 SEE NOTE 10 LEAD FREE OPTION	E	1	19	3	3	3	89025-X65 SEE NOTE 10 LEAD FREE OPTION	E	1	19	3	3	3	19	89025-X69 SEE NOTE 10 LEAD FREE OPTION	E	14	6	8	8	8	8	89025-X73 SEE NOTE 10 LEAD FREE OPTION	E	-	2	-	2	-	2	89025-X77 SEE NOTE 10 LEAD FREE OPTION	E	7	7	5	20	7	7
	D	3	19	3	3	3		D	3	3	3	3	3	19		D	14	7	8	8	8	D		2	-	2	-	2	-	D		7	7	7	7	7	7	
	C	3	19	3	3	3		C	3	3	3	3	3	19		C	14	7	8	8	8	C		-	2	-	2	-	2	C		7	7	7	7	7	7	
	B	19	19	3	3	3		B	3	3	3	3	3	19		B	14	7	8	8	8	B		2	-	2	-	2	-	B		7	7	7	7	7	7	
	A	19	19	3	3	3		A	3	3	3	3	3	19		A	14	7	5	8	8	8		A	-	2	-	2	-	2		A	7	7	7	7	7	7
METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I											
89025-X62 SEE NOTE 10 LEAD FREE OPTION	E	1	-	1	-	1	89025-X66 SEE NOTE 10 LEAD FREE OPTION	E	3	1	1	1	1	1	89025-X70 SEE NOTE 10 LEAD FREE OPTION	E	13	2	4	4	4	4	89025-X74 SEE NOTE 10 LEAD FREE OPTION	E	-	-	-	-	-	89025-X78 SEE NOTE 10 LEAD FREE OPTION	E	54	54	39	54	54	54	
	D	-	1	-	1	-		D	3	1	1	1	1	1		D	13	3	4	4	4	4		D	2	-	2	-	2		-	D	54	54	39	54	54	54
	C	1	-	1	-	1		C	3	1	1	1	1	1		C	13	3	4	4	4	4		C	-	2	-	2	-		2	C	54	54	39	54	54	54
	B	-	1	-	1	-		B	3	1	1	1	1	1		B	13	3	4	4	4	4		B	2	-	2	-	2		-	B	54	54	39	54	54	54
	A	1	-	1	-	1		A	3	1	1	1	1	1		A	13	3	1	4	4	4		A	-	2	-	2	-		2	A	54	54	39	54	54	54
METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I											
89025-X63 SEE NOTE 10 LEAD FREE OPTION	E	8	27	29	29	27	89025-X67 SEE NOTE 10 LEAD FREE OPTION	E	20	20	20	20	20	20	89025-X71 SEE NOTE 10 LEAD FREE OPTION	E	20	20	20	8	8	8	89025-X75 SEE NOTE 10 LEAD FREE OPTION	E	54	54	54	54	39	54	89025-X79 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1
	D	8	27	29	29	27		D	5	5	20	20	20	20		D	20	20	20	8	8	8		D	54	54	54	54	39	54		D	1	1	1	1	1	1
	C	8	27	29	29	27		C	5	5	20	20	20	20		C	20	20	20	8	8	8		C	54	54	54	54	39	54		C	2	2	2	2	1	1
	B	8	27	29	29	27		B	5	5	20	20	20	20		B	20	20	20	8	8	8		B	54	54	54	54	39	54		B	1	1	1	1	1	1
	A	8	27	29	29	27		A	5	5	20	20	20	20		A	20	20	20	8	8	8		A	54	54	54	54	39	54		A	1	1	1	1	1	1
METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I					METRAL P/N		ROW	CONTACT CODE MOD. I											
89025-X64 SEE NOTE 10 LEAD FREE OPTION	E	45	-	45	-	45	89025-X68 SEE NOTE 10 LEAD FREE OPTION	E	21	21	21	21	21	21	89025-X72 SEE NOTE 10 LEAD FREE OPTION	E	19	19	19	4	4	4	89025-X76 SEE NOTE 10 LEAD FREE OPTION	E	3	3	1	19	3	3	89025-X80 SEE NOTE 10 LEAD FREE OPTION	E	5	5	5	5	5	5
	D	45	-	45	-	45		D	9	9	21	21	21	21		D	19	19	19	4	4	4		D	3	3	3	3	3	3		D	5	5	5	5	5	5
	C	-	-	-	-	-		C	9	9	21	21	21	21		C	19	19	19	4	4	4		C	3	3	3	3	3	3		C	6	6	6	6	5	5
	B	45	-	45	-	45		B	9	9	21	21	21	21		B	19	19	19	4	4	4		B	3	3	3	3	3	3		B	5	5	5	5	5	5
	A	45	-	45	-	45		A	9	9	21	21	21	21		A	19	19	19	4	4	4		A	3	3	3	3	3	3		A	5	5	5	5	5	5

mat'l code				--				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0. x ± 0.3				COPY			title					
CR					0. xx ± 0.13				projection			METRAL SIGNAL HEADER					
					. xxx $\pm .051$							1 MOD, 5 ROW PRESS-FIT					
					0° $\pm 2^\circ$												
				angles									product family				
				dr	T.BRUNGARD 11/19/99						size		METRAL		code		
				engr	M.STRAWSER 11/19/99						scale		dwg no		213		
				chr	M.STRAWSER 11/19/99						A		89025		sheet		
				appd	M.STRAWSER 02/29/00										6		
sheet index	revision sheet																

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ		www.fcjconnect.com		
lfr	ecn no.	dr	date	linear	0.X ±0.3			COPY		projection	title			
CR					0.XX ±0.13						METRAL SIGNAL HEADER			
					.XXX ±.051						1 MOD, 5 ROW PRESS-FIT			
					0° ±2°									
				angles	dr	T.BRUNGARD	11/19/99	MM	scale	1:1	product family		METRAL	code
				enrg	M.STRAWSE	11/19/99	size				dwg no	213		
				chr	M.STRAWSE	11/19/99	A				89025	sheet		
				appd	M.STRAWSE	02/29/00						6		
sheet index		revision sheet												

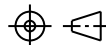


1 | 2

3 |

4

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X81 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2
		D	2	2	2	2	2	2
		C	2	2	2	2	1	1
		B	1	1	1	1	1	1
		A	1	1	1	1	1	1
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X85 SEE NOTE 10 LEAD FREE OPTION		E	-	-	-	-	3	-
		D	-	-	-	-	3	-
		C	-	-	-	-	-	-
		B	-	-	-	-	3	-
		A	-	-	-	3	3	-
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X89 SEE NOTE 10 LEAD FREE OPTION		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	2
		A	4	2	2	2	1	4
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X93 SEE NOTE 10 LEAD FREE OPTION		E	2	3	2	2	4	4
		D	2	3	2	2	4	4
		C	2	3	2	2	4	4
		B	2	3	2	2	4	4
		A	2	3	2	2	4	4
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X97 SEE NOTE 10 LEAD FREE OPTION		E	3	3	3	3	-	3
		D	3	3	3	3	-	3
		C	3	3	3	3	3	3
		B	3	3	3	3	3	3
		A	3	3	3	-	-	3
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X82 SEE NOTE 10 LEAD FREE OPTION		E	7	-	38	38	-	7
		D	7	-	38	38	-	7
		C	7	-	38	38	-	7
		B	7	-	38	38	-	7
		A	7	-	38	38	-	7
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X86 SEE NOTE 10 LEAD FREE OPTION		E	19	3	3	3	3	3
		D	19	3	3	3	3	1
		C	19	3	3	3	3	1
		B	19	3	3	3	3	2
		A	19	3	3	3	3	3
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X90 SEE NOTE 10 LEAD FREE OPTION		E	19	3	3	3	2	1
		D	19	3	3	3	2	1
		C	19	3	3	3	2	1
		B	19	3	3	3	2	1
		A	19	3	3	3	2	1
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X94 SEE NOTE 10 LEAD FREE OPTION		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
		A	19	19	3	3	3	3
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X83 SEE NOTE 10 LEAD FREE OPTION		E	1	1	1	-	1	1
		D	1	1	1	-	1	1
		C	1	1	1	-	1	1
		B	1	1	1	-	-	-
		A	1	1	1	1	1	1
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X87 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	1	2
		D	2	2	2	2	2	2
		C	3	3	3	3	3	3
		B	2	2	2	2	2	2
		A	2	2	2	2	2	2
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X91 SEE NOTE 10 LEAD FREE OPTION		E	20	7	7	7	6	5
		D	20	7	7	7	6	5
		C	20	7	7	7	6	5
		B	20	7	7	7	6	5
		A	20	7	7	7	6	5
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X95 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2
		D	2	2	2	2	2	2
		C	1	2	2	2	2	2
		B	2	2	2	2	2	2
		A	2	2	2	2	2	2
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X84 SEE NOTE 10 LEAD FREE OPTION		E	7	7	7	7	7	7
		D	7	4	1	7	7	7
		C	4	1	7	4	1	7
		B	7	7	4	1	7	7
		A	7	7	7	4	5	7
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X88 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2
		D	2	2	2	2	2	2
		C	4	2	2	2	2	2
		B	2	2	2	2	2	2
		A	2	2	2	2	2	2
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X92 SEE NOTE 10 LEAD FREE OPTION		E	19	4	4	4	4	4
		D	19	4	4	4	4	4
		C	19	4	4	4	4	4
		B	19	4	4	4	4	4
		A	19	4	4	4	4	4
METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
89025-X96 SEE NOTE 10 LEAD FREE OPTION		E	3	3	3	-	3	3
		D	3	3	3	-	3	3
		C	3	3	3	-	3	3
		B	3	3	3	-	-	-
		A	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		COPY							
CR					0.XX ±0.13		projection		title	METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				
					.XXX ±.051									
					0° ±2°									
				dr	T.BRUNGARD	11/19/99		scale	product family		code			
				engr	M.STRAWSER	11/19/99			size	dwg no				
				chr	M.STRAWSER	11/19/99	1:1	A	89025		sheet			
				appd	M.STRAWSER	02/29/00								
sheet index	revision sheet													

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
CR					0.XX ±0.13					
					.XXX ±.051					
				angles	0° ±2°	MM	scale	product family	METRAL	
				dr	T.BRUNGARD					11/19/99
				enrg	M.STRAWSE					11/19/99
				chr	M.STRAWSE	11/19/99	size	dwg no	code	
				appd	M.STRAWSE	02/29/00				
sheet	revision									
index	sheet									
				Pro/E		3		cage code		
								22526		
								4		

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	-
-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