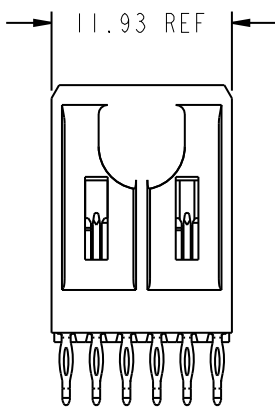
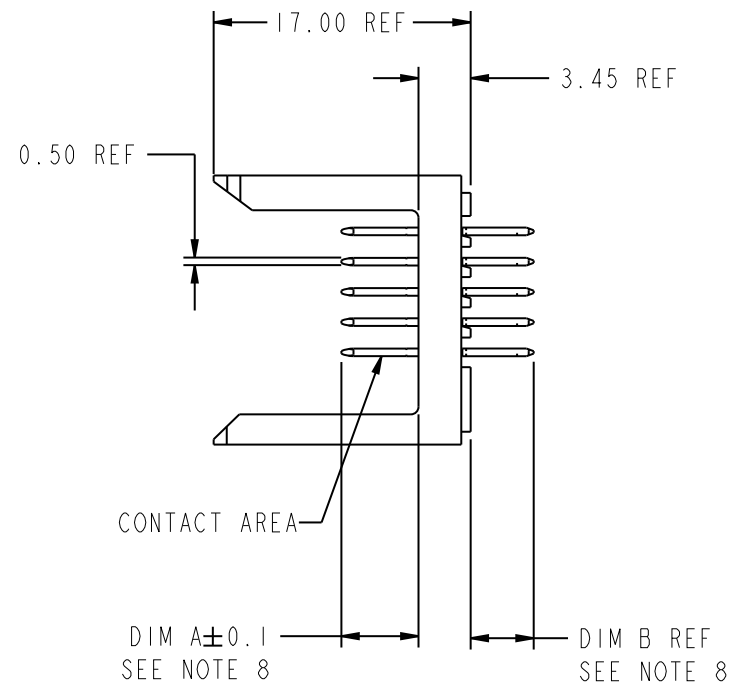
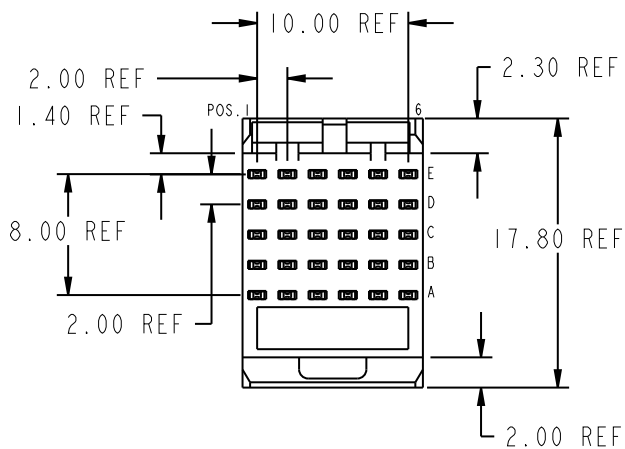
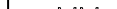




PRODUCT NUMBER
89025-XYX
89025-XYXLF



mat'l code				--		tolerances unless otherwise specified				CUSTOMER				www.fciconnect.com	
lfr	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				scale	A	size	dwg no	213		
CL	V03-1321	DAI	01/15/04	enrg	M.STRAWSER 11/19/99								sheet		
CM	V04-0459	LP	5/25/04	chr	M.STRAWSER 11/19/99				2:1					1 of 8	
CN	V05-0030	DAI	02/10/05	appd	M.STRAWSER 02/29/00										
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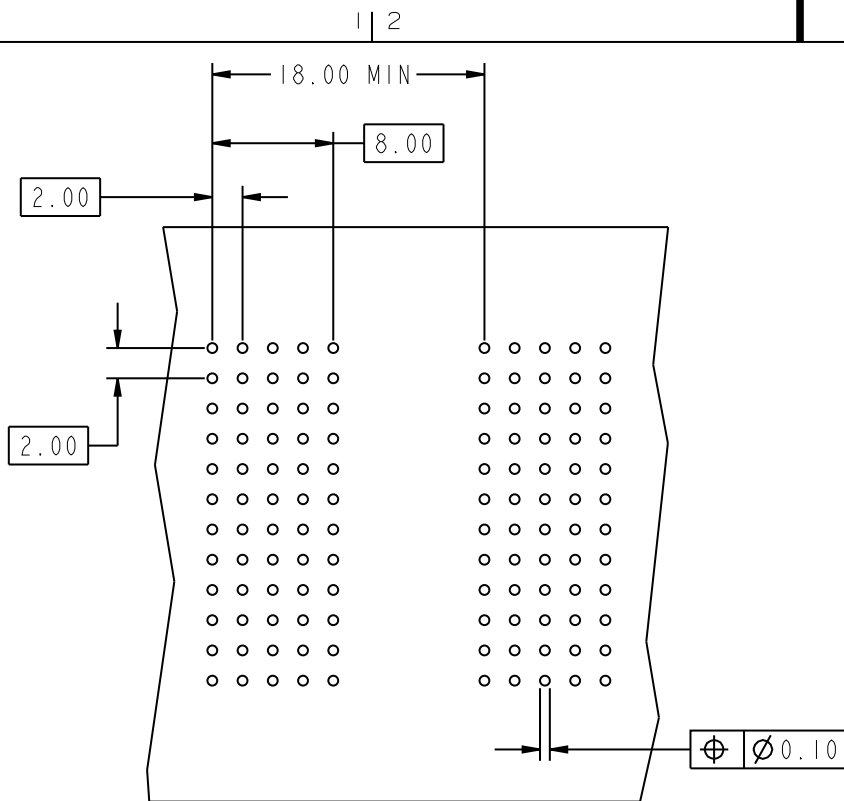
cage code 22526

Pro/E



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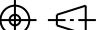
REV E - 2006-04-10



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				www.fciconnect.com				
lfr	ecn no.	dr	date	linear	0.X $\pm$ 0.3		projection	COPY	title	METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				
CR					0.XX $\pm$ 0.13									
					.XXX $\pm$.051									
				angles	0° $\pm$ 2°				product family	METRAL		code		
					dr	T.BRUNGARD				11/19/99	size	dwg no	89025	213
					enrg	M.STRAWSER				11/19/99				
				chr	M.STRAWSER	11/19/99								
				appd	M.STRAWSER	02/29/00	scale	1:1	A					
sheet	revision													
index	sheet													

Pro/E

PDM: Rev:CR

STATUS: Released

Printed: Sep 16, 2009



1 2						3						4																							
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	D	10	10	10	10	10		D	26	12	12	12	12		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	12		12	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	12		12	B	21	21	11	11		11	B	10	10	10	10		10	B	2	2	2	2	2
	A	3	3	3	3	3		A	24	12	12	12	12		12	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	3		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	3	19		B	25	25	25	25	25		B	6	6	6	6	5	
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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	
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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	
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mat'l code

lfr

ecn no.

dr

date

linear

angles

dr

engr

chr

appd

--

tolerances unless
otherwise specified

0.X ±0.3

0.XX ±0.13

.XXX ±.051

0° ±2°

T.BRUNGARD 11/19/99

M.STRAWSER 11/19/99

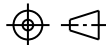
M.STRAWSER 11/19/99

M.STRAWSER 02/29/00

CUSTOMER

COPY

projection



MM

scale

1:1



www.fciconnect.com

title

METRAL SIGNAL HEADER
1 MOD, 5 ROW PRESS-FIT

product family

METRAL

code

213

size

A

dwg no

89025

sheet

3

sheet index

revision sheet

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCJ	
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	www.fciconnect.com	
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			.XXX ±.051					METRAL SIGNAL HEADER	
			0° ±2°					1 MOD, 5 ROW PRESS-FIT	
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			enrg	M.STRAWSE	11/19/99	METRAL			
			chr	M.STRAWSE	11/19/99	code			
			appd	M.STRAWSE	02/29/00	213			
sheet		revision				scale		size	
index		sheet				1:1		dwg no	
								89025	
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1 2										3										4																			
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	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
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	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
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	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
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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									
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	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
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	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

- -

tolerances unless otherwise specified

0. X ±0.3

0. XX ±0.13

.XXX ±.051

0° ±°

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

MM

scale 1:1

FCI

www.fciconnect.com

title

METRAL SIGNAL HEADER

1 MOD, 5 ROW PRESS-FIT

product family

METRAL

code

213

size

dwg no

89025

sheet

4

mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ www.fcjconnect.com	
lfr	ecn no.	dr	date	linear	0.X ± 0.3			COPY		title	
CR					0.XX ± 0.13			projection		METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
					.XXX $\pm .051$					product family	
					0° $\pm 2^\circ$					METRAL	
				dr	T.BRUNGARD	11/19/99				size	dwg no
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sheet index	revision sheet										

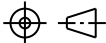


1 2											3											4																					
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	D	1	-	-	1	-	1		D	3	3	3	3	3	D		1	1	-	1	1	-	D		7	5	5	5	5	D	13		4	4	4	4	4						
	C	1	-	-	1	-	1		C	3	3	3	3	3	C		-	-	-	-	-	-	C		7	5	5	5	5	C	13		4	4	4	4	4						
	B	1	-	-	1	-	1		B	3	3	3	3	3	B		1	1	-	1	1	-	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													
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	D	4	4	4	4	4	4		D	1	9	1	9	1	9	1		D	1	1	9	1	9	1	9	1		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	9	1		C	2	0	7	7	7	7		7							
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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-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	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	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	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	9		1	A	1	9	3	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	7	89025-X60 SEE NOTE 10 LEAD FREE OPTION	E	1	9	1	9	1	9	-		
	D	2	0	2	0	2	0	2		D	3	-	3	-	3	-		D	3	3	3	3	3	1		D	7	7	4	4	7	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	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	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	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			
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					.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												



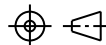
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89025-X61 SEE NOTE 10 LEAD FREE OPTION	E	1	19	3	3	3	3	3	89025-X65 SEE NOTE 10 LEAD FREE OPTION	E	1	19	3	3	3	3	19	89025-X69 SEE NOTE 10 LEAD FREE OPTION	E	14	6	8	8	8	8	89025-X73 SEE NOTE 10 LEAD FREE OPTION	E	-	2	-	2	-	2	89025-X77 SEE NOTE 10 LEAD FREE OPTION	E	7	7	5	20	7	7
	D	3	19	3	3	3	3	D		3	3	3	3	3	19	D	14		7	8	8	8	8	D	2		-	2	-	2	-	D	7		7	7	7	7	7		
	C	3	19	3	3	3	3	C		3	3	3	3	3	19	C	14		7	8	8	8	8	C	-		2	-	2	-	2	C	7		7	7	7	7	7		
	B	19	19	3	3	3	3	B		3	3	3	3	3	19	B	14		7	8	8	8	8	B	2		-	2	-	2	-	B	7		7	7	7	7	7		
	A	19	19	3	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		
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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	-	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	-	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		
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89025-X63 SEE NOTE 10 LEAD FREE OPTION	E	8	27	29	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	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	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	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	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		
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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		

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CR					0.XX ±0.13			projection		METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	
					.XXX ±.051					product family	
					0° ±2°					METRAL	
				dr	T.BRUNGARD	11/19/99	scale		size		code
				enrg	M.STRAWSE	11/19/99	1:1		dwg no		213
				chr	M.STRAWSE	11/19/99			A		sheet
				appd	M.STRAWSE	02/29/00			89025		6
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			1	2	3	4	5	6				1	2	3	4	5	6				1	2	3	4	5	6				1	2	3	4	5	6												
89025-X81 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	89025-X85 SEE NOTE 10 LEAD FREE OPTION		E	-	-	-	-	3	-	89025-X89 SEE NOTE 10 LEAD FREE OPTION		E	4	2	2	2	2	2	89025-X93 SEE NOTE 10 LEAD FREE OPTION		E	2	3	2	2	4	4	89025-X97 SEE NOTE 10 LEAD FREE OPTION		E	3	3	3	3	-	3			
		D	2	2	2	2	2	2			D	-	-	-	-	3	-			D	4	2	2	2	2	2			2	D	2	3	2	2	4			4	D	3	3	3	3	-	3		
		C	2	2	2	2	2	1			1	C	-	-	-	-	-			-	-	C	4	2	2	2			2	2	2	C	2	3	2			2	4	4	C	3	3	3	3	3	3
		B	1	1	1	1	1	1			1	B	-	-	-	-	3			-	B	4	2	2	2	2			2	2	2	B	2	3	2			2	4	4	B	3	3	3	3	3	3
		A	1	1	1	1	1	1			1	A	-	-	-	3	3			-	A	4	2	2	2	2			1	4	A	2	3	2	2			4	4	A	3	3	3	-	-	3	
89025-X82 SEE NOTE 10 LEAD FREE OPTION		E	7	-	38	38	-	7	89025-X86 SEE NOTE 10 LEAD FREE OPTION		E	19	3	3	3	3	3	89025-X90 SEE NOTE 10 LEAD FREE OPTION		E	19	3	3	3	2	1	89025-X94 SEE NOTE 10 LEAD FREE OPTION		E	1	19	3	3	3	3	89025-X98 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	19	19	19			
		D	7	-	38	38	-	7			D	19	3	3	3	3	1			D	19	3	3	3	2	1			D	3	19	3	3	3	3			D	4	4	4	19	19	19			
		C	7	-	38	38	-	7			C	19	3	3	3	3	1			C	19	3	3	3	2	1			C	3	19	3	3	3	3			C	4	4	4	19	19	19			
		B	7	-	38	38	-	7			B	19	3	3	3	3	2			B	19	3	3	3	2	1			B	19	19	3	3	3	3			B	4	4	4	19	19	19			
		A	7	-	38	38	-	7			A	19	3	3	3	3	3			A	19	3	3	3	2	1			A	19	19	3	3	3	3			A	4	4	4	19	19	19			
89025-X83 SEE NOTE 10 LEAD FREE OPTION		E	1	1	1	-	1	1	89025-X87 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	1	2	89025-X91 SEE NOTE 10 LEAD FREE OPTION		E	20	7	7	7	6	5	89025-X95 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	89025-X99 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	20	20	20			
		D	1	1	1	-	1	1			D	2	2	2	2	2	2			D	20	7	7	7	6	5			D	2	2	2	2	2	2			D	8	8	8	20	20	20			
		C	1	1	1	-	1	1			C	3	3	3	3	3	3			C	20	7	7	7	6	5			C	1	2	2	2	2	2			C	8	8	8	20	20	20			
		B	1	1	1	-	-	-			B	2	2	2	2	2	2			B	20	7	7	7	6	5			B	2	2	2	2	2	2			B	8	8	8	20	20	20			
		A	1	1	1	1	1	1			A	2	2	2	2	2	2			A	20	7	7	7	6	5			A	2	2	2	2	2	2			A	8	8	8	20	20	20			
89025-X84 SEE NOTE 10 LEAD FREE OPTION		E	7	7	7	7	7	7	89025-X88 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	89025-X92 SEE NOTE 10 LEAD FREE OPTION		E	19	4	4	4	4	4	89025-X96 SEE NOTE 10 LEAD FREE OPTION		E	3	3	3	-	3	3	A		E	3	3	3	-	3	3			
		D	7	4	1	7	7	7			7	D	2	2	2	2	2			2	D	19	4	4	4	4			4	D	3	3	3	-	3			3	D	3	3	3	-	3	3		
		C	4	1	7	4	1	7			7	7	C	4	2	2	2			2	2	C	19	4	4	4			4	4	C	3	3	3	-			3	3	C	3	3	3	-	3	3	
		B	7	7	4	1	7	7			7	B	2	2	2	2	2			2	B	19	4	4	4	4			4	B	3	3	3	-	-			-	B	3	3	3	-	-	-		
		A	7	7	7	4	5	7			7	A	2	2	2	2	2			2	A	19	4	4	4	4			4	A	3	3	3	3	3			3	A	3	3	3	3	3	3		

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					.XXX ±.051					1 MOD, 5 ROW PRESS-FIT	
				angles	0° ±2°						
				dr	T.BRUNGARD	11/19/99	MM		product family		code
				enrg	M.STRAWSE	11/19/99			METRAL		213
				chr	M.STRAWSE	11/19/99	scale		size		sheet
				appd	M.STRAWSE	02/29/00	1:1		A		7
sheet index	revision sheet										

PRODUCT NUMBER

89025-XYX

89025-XYXLF

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:
55422 -XYX IS SnPb
55422-XYXLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
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 OR XXXXX-XXXPLF

7. PRODUCT SPECIFICATION GS-I2-180
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.)-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: 89025-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	-
-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



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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	product family METRAL		
				dr	T.BRUNGARD			11/19/99	code	213
				enrg	M.STRAWSE			11/19/99	size	8
				chr	M.STRAWSE	11/19/99	scale	A	89025	
				appd	M.STRAWSE	02/29/00				dwg no
sheet	revision									
index	sheet									

cage code 22526



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.